

MADE IN U. S. A.

Maintenance Repair Parts Catalog

3½ Ton Capacity Chassis

Model 10-X



Stewart Motor Corporation Buffalo, N. Y.

One copy of this catalog free with each truck
Additional copies 50 cents extra

Posted Dec. 30, 2020 by Brian D. Szafranski, Elma NY USA Please do not reprint or republish for commercial profit.

How to Order Parts

In order to avoid delay, unnecessary correspondence, and have your orders filled correctly and promptly at the least possible expense, it is absolutely necessary that you co-operate with us in the following:

WHEN ORDERING PARTS SPECIFY

How we shall ship.

Where we shall ship.

How many of each part you want.

Part sym ol.

Name of part.

CAR NUMBER — AS STAMPED ON NAME PLATE ATTACHED TO EITHER SIDE OF THE COWL.

When parts are not included in parts list, give full description and Car Number. Order through dealer when possible.

TERMS

All prices are net, F. O. B. factory, Buffalo.

Accounts are opened only with Stewart dealers. Orders from individuals not accompanied by cash will be sent C. O. D.

Our responsibility ceases when parts are delivered in good condition to the transportation companies.

Claims for damage in transit are to be made by the consignee.

ALL PRICES QUOTED SUBJECT TO CHANGE WITHOUT NOTICE.

WHEN RETURNING PARTS FOR ANY PURPOSE

All packages or boxes should be plainly tagged with sender's name and address for identification when received.

Full particulars of shipment should be mailed to factory at time shipment goes forward.

Prepay all transportation charges.

DO NOT return for exchange or credit any parts worn through use, or damaged by accident.

Material on which a replacement or credit is expected must be returned, all charges prepaid, as soon as possible. Do not delay or you may lose your claim.

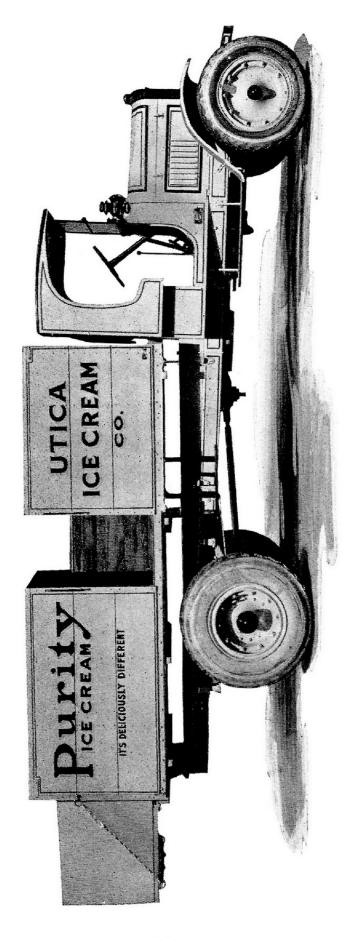
Telegraph Shipping Code

When ordering parts by telegraph, the message should invariably commence with shipping instructions. For economy and brevity, a code word, covering all general shipping instruction, has been provided below.

Following the shipping instructions should come the quantity of parts required, then part symbol, name of part, and Car Number.

Shipping Instructions Code

EXTEND	Ship to me (us) by express, the following:
EXTOL	Ship to me (us) by express, the following in care of:
EXTREME	Ship toby express, and charge to us the following:
EXTUDE	Ship toby express, C.O.D. (crediting us with discount) the following:
MASON	Ship to me (us) by parcel post, the following:
MASTER	Ship to me (us) by parcel post, the following in care of:
MAYOR	Ship toby parcel
MEDAL	Ship toby parcel post, C.O.D., (crediting us with discount) the following:
FABLE	Ship to me (us) by freight, the following:
FAINT	Ship to me (us) by freight, the following in care of:
FARCE	Ship toby freight. Order B-L (crediting us with discount) the following:
FARROW	Ship toby freight, and charge to us the following:
FACTOR	Ship to me (us) by freight, with carload, the following:
ACUTE	Advise date of shipment of our order:
SPINE	Ship with order:
LARCH	Parts ordered were shipped by express on
LEGATE	Parts ordered were shipped by mail on:
LUCID	Parts ordered were shipped by freight on:



Stewart Guarantee

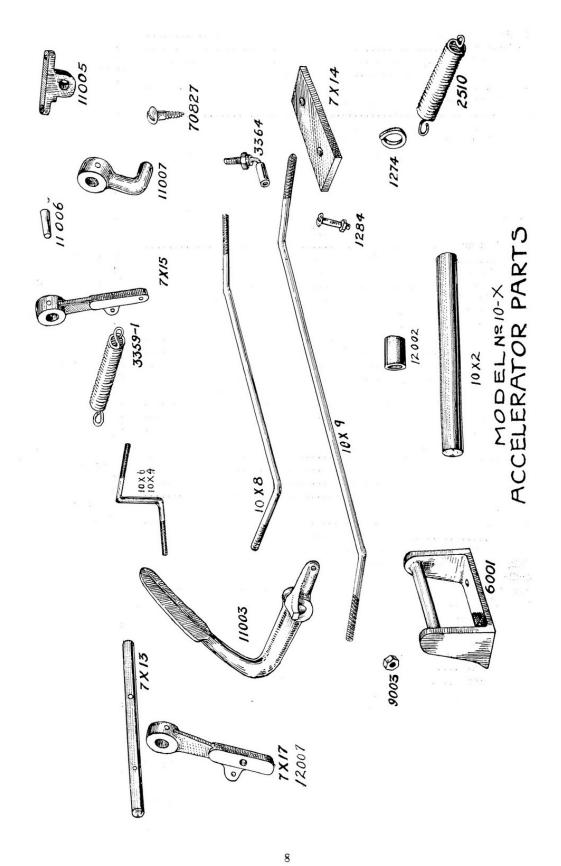
E WARRANT the new motor trucks manufactured by us to be free from defects in material and workmanship, this warranty being limited to making good at our factory any part or parts thereof which shall, within ninety (90) days after delivery of the truck to the original purchaser, be returned to us with transportation charges prepaid, and which our examination shall disclose to our satisfaction to have been defective.

We make no warranty whatever in respect to tires, rims, ignition apparatus, lamps, gas tanks, signaling devices, generators, batteries or other trade accessories, inasmuch as they are usually warranted separately by their respective manufacturers.

Stewart Motor Corporation BUFFALO, N. Y.

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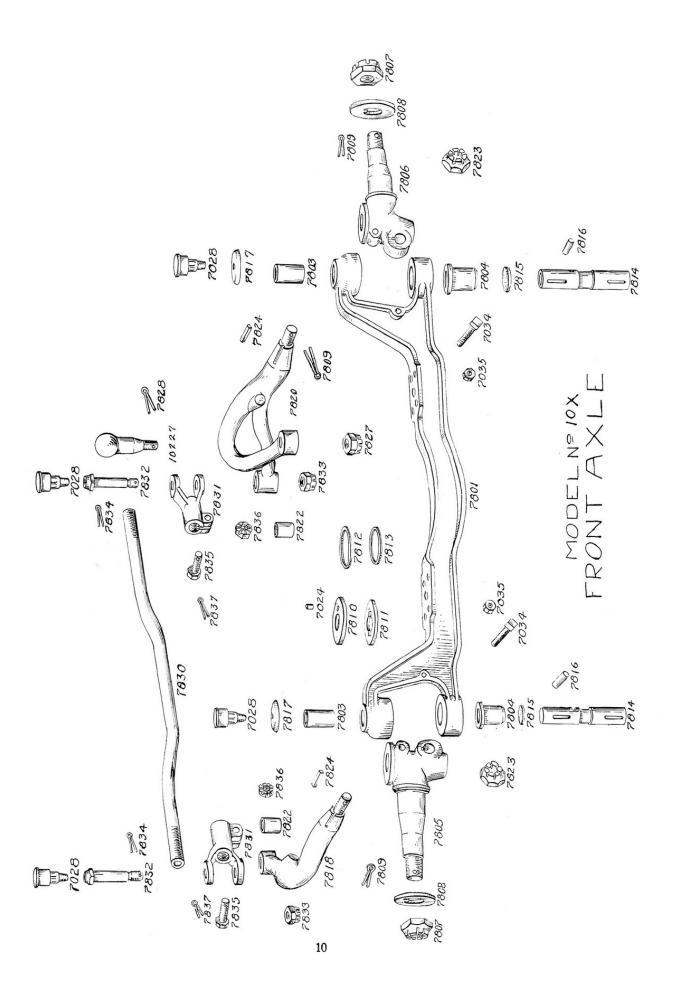
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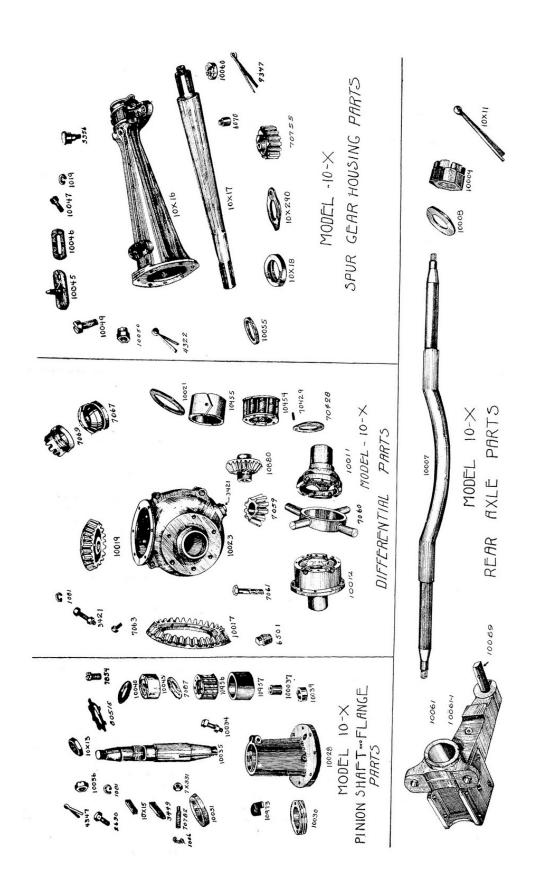
ACCELERATOR

(Illustrated on Page 8)

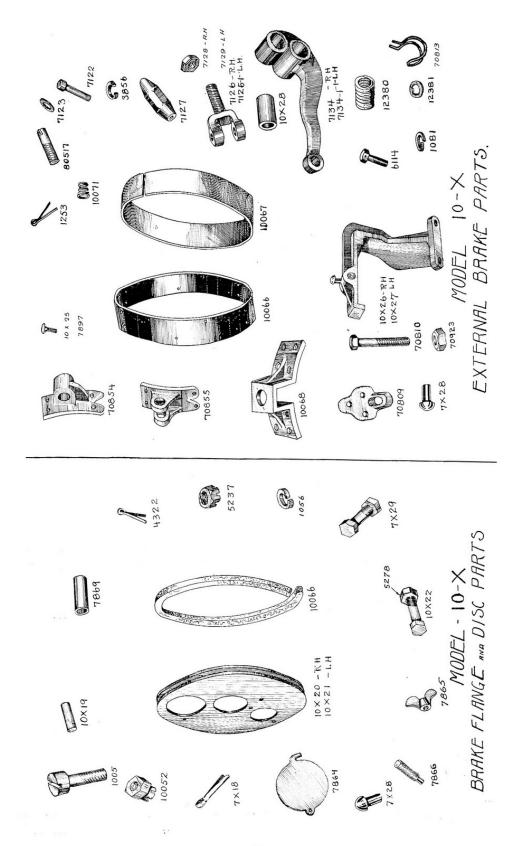
Catalog	(Illustrated on Page 6)
Number	Name of Part
10x1	Accelerator Complete Assembly Comprising Parts A to K
6001 1006	A analogotog Heal Doct Coronia
10x2	A seelensten Dealess Chaft
11005	A 1t D1 Choff Doorings
70827	A launtan Daalaan Chaft Rooming Scrawe
7x15	
11006	A 1ton Throatile Declar Shaft Lever Taper Pill
3359-1	Accelerator Throttle Rocker Shart Level Taper Throttle Rocker Throttle
1006	A 1 1 1 D colron Shott Lever
7x15 11006	A Chaff lower Coper Pin
11003	
2510	
1006	Accelerator Foot Pedal Tension Spring
12007	
11007	
11006	Accelerator Rocker Shaft Spacer
12002 10x3	
10x3	
3364	Accelerator Throttle Rod Ball Joints
9003	"C" Accelerator Throttle Rod Ball Lock Nuts Ports D to E
10x5	Throttle Hand Control Rod Assembly Comprising Farts D to 2 "D" Throttle Hand Control Rod
10x6	"D" Throttle Halid Control Rod
3364 9003	Ball Joints
7x12	"E" Throttle Hand Control Lock Nuts. Spark Control Rocker Shaft Assembly Comprising Parts F to G
7x13	Spark Control Rocker Shaft Assembly Comprising Parts 1 Comprising Parts 1 Comprising Parts 1 Comprising Parts 2 Comprising Part
7x14	Spark Control Rocker Shaft Bearing Reinforcing Flates
1284	Spark Control Rocker Shart Bearing Botts
1274	Spark Control Rocker Shaft Bearing Bolt Lock Washer Spark Control Rocker Shaft Lever
7x15	Spark Control Rocker Shaft Lever
$\frac{11006}{7 \times 17}$	Spark Control Rocker Shaft Lever Taper Fill Spark Control Rocker Shaft Lever
11006	Spark Control Rocker Shaft Lever Taper Pin
10x7	"G" Spark Control Rocker Shatt Lever Taper Fin
10x8	"II" Coarly Control Rod (Daile Collifor to Rocker Share)
3364	
9003	"I" Spark Control Rod Lock Nuts. Spark Control Rod Comprising Parts J to K.
10x98	
10x9 3364	
9003	"K" Spark Control Rod Lock Nuts
7000	
	FRONT AXLE
	(Illustrated on Page 10)
	(Indistrated on Fage 10)
10005	Front Axle Assembly Complete Less Hubs and Wheel Parts
7801 7803	
7804	To A 1. Courton Duckings Only Lower
7805	Ct
7806	Ctaning Variable I U
7807	Ctaning Variate Spindle Nitt
7808	Steering Knuckle Spindle Nut Washer Steering Knuckle Spindle Cotter Steering Knuckle Spindle Cotter
7809	Steering Knuckle Spindle Cotter Steering Knuckle Spindle Thrust Washer—Upper
7810 7811	Steering Vaucille Spindle Thrust Washer-Lower
7812	Charing Vaughte Spindle Filler Washer—Thick
7813	Steering Knuckle Spindle Filler Washer—Thin
7024	Steering Knuckle Spindle Filler Washer—Dowel
7814	Steering Knuckle Pivot Pin Steering Knuckle Pivot Pin Dust Felt
7815	Steering Knuckle Pivot Pin Dust Felt
7816 7817	Steering Knuckle Pivot Pin Cover Plate
7028	Steering Knuckle Pivot Pin Grease Cups (for Alemite Cups See Alemite System)
7818	Steering Arm. Right Hand, Single with Bushing



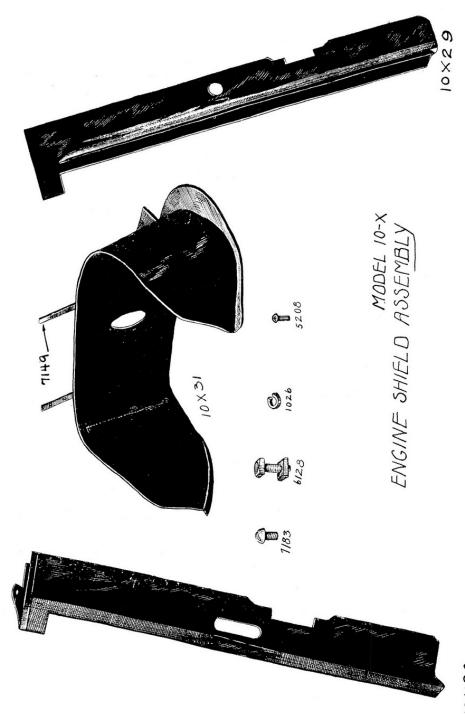
Catalog Number	Name of Part	Pieces Per Ca
7820	Steering Arm Left Hand Double with Bushings	1
7822	Chaming Aum Duchings	4
7823	Ct	4
7824	Ct ' A 17	2
7809	Steering Arm Cotter	1
10227	Steering Arm Ball Nut	
7827 7828	C A D-11 C-440#	1
7829	Steering Cross Tube Assembly Comprising Parts H to 1	1
7830	"U" Steering Cross Tube Only	1
7831	Steering Cross Tube Clevis	4
7835	Steering Cross Tube Clevis Clamp Bolt	2
7836 7034	Steering Arm Ston Screw	2
7034	Steering Arm Stop Screw Nut	2
7834	"I" Steering Cross Tube Clamp Bolt Cotter	2
7028	Stooring Cross Tube Clevis Bolt Grease Cup	2
7832	Steering Cross Tube Clevis Bolt	2
7833	Steering Cross Tube Clevis Bolt Nut Steering Cross Tube Clevis Bolt Cotter	2
7837	(For Hubs and Hub Bearings, see Wheel Assembly)	_
	•	
	REAR AXLE	
221 172	(Illustrated on Pages 12 and 14)	
10x10	Rear Axle Assembly Complete, Less Wheel, Hubs, Brake Drums, Internal Gears and Hub Bearings Comprising Parts A to L	1
10007	"A" Rear Axle Center (Load Carrying Member)	î
10007	Rear Axle Spindle Washers	
10009	Rear Axle Spindle Nuts	2
10x11	Rear Ayle Spindle Nut Cotters	2
10010	Differential Complete Including Driving Gear 10 to 1 Ratio, 39 Teeth. Comprising Parts. B to C	1
10012	"B" Differential Case Flanged Side—R. H.	1
10012	Differential Plain Side—I. H.	1
10880	Differential Side Gear (Splined Hole)	2
7059	Differential Side Pinion	4
7060	Differential Spider	1 12
7061 70428	Differential Case Boils	. 2
70429	Differential Thrust Washer Pins	4
10017	Revel Driving Gear 10 to 1 Ratio, 39 Teeth, 4 Pitch	1
7063	"C" Bevel Driving Gear Bolts. Differential Bearing Assembly Comprising Parts D and E.	. 16
10020	"Differential Bearing Roller Assembly	2 2 2
10954 10955	"E" Differential Bearing Outer Race	2
10021	Differential Bearing Retaining Washers	2 2
7067	Differential Thrust Bearing	2
10023	Differential Gear Case or Outer Housing (to which Main Shaft Housing is attached)	
10x586	(Used on chassis No. 10001X to 10085X.) Differential Gear Case or Outer Housing (Used on Chassis No. 10086X and up)	1
7069	Differential Thrust Bearing Nuts	2
10x12	Differential Thrust Bearing Nut Felts	2
3421	Differential Gear Case Oil Hole Plug	
10026	Differential Gear Case Clamp Screws	. 8
6501 10027	Differential Gear Case Drain Plug	1
10027	"F" Pinion Flange	1
10028	Pinion Flange Bearing Cage	î
10973	Pinion Flange Cage Lock Plate	. 1
10034	Pinion Flange Clamp Bolt and Nut	. 1
3856	Pinion Flange Clamp Bolt Lock Washer	. 1
10030	Pinion Flange Bearing Retainer Nut	. 1
10031 10035	Pinion Shaft	
10033	Pinion Shaft Outer Bearing,	1
10x13	Pinion Shaft Outer Bearing Nut	. 2
10x14	Pinion Shaft Outer Bearing Nut Lock Washer	. 1
10042	Pinion Shaft Inner Bearing Complete Comprising Parts G to H "G" Pinion Shaft Inner Bearing Outer Race	1
10957 10956	Pinion Shaft Inner Bearing Roller Assembly	.]
100037	"H" Pinion Shaft Inner Bearing Inner Race	. 1
10040	Pinion Shaft Inner Bearing Retaining Washer—Front	. 1



Catalog Number	Name of Part	Pieces Per Ca
10040	Pinion Shaft Inner Bearing Retaining Washer-Rear	1
10039	Pinion Shaft Inner Bearing Spacing Collar	1
70782	Pinion Shaft Inner Bearing Sleeve Lock Screw	1
7×331	Pinion Shaft Inner Bearing Sleeve Lock Screw Lock Nut	1
1056	Pinion Shaft Inner Bearing Sleeve Lock Screw Lock Washer	1
10019	Bevel Drive Pinion, 10 to 1 Ratio, 16 Teeth, 4 Pitch	1
10036	Pinion Shaft Pinion Nut	1
9347 10038	"I" Pinion Shaft Pinion Key	1
2690	Pinion Flange Cap Screw	8
1081	Pinion Flange Cap Screw Lock Washer	8
10037	Pinion Shaft Driving Flange Nut	1
9347	Pinion Shaft Driving Flange Nut Cotter	1
10x15	Pinion Shaft Driving Flange Key	1
10x16	Spur Gear Housing—R. H. (used on chassis up to 10054X see footnote)	1
10x16-1	Spur Gear Housing—L. H. (used on chassis up to 10054X see footnote)	1
3356	Spur Gear Housing Grease Cup (used on chassis up to 10085X see footnote)	2 12
10049	Spur Gear Housing Flange Bolts (used on chassis up to 10085X see footnote)	
5237	Spur Gear Housing Flange Bolt Nuts (used on chassis up to 10085X see footnote) Spur Gear Housing Flange Bolt Cotters	
4322	Spur Gear Housing Cover Plate	2
10045	Spur Gear Housing Cover Plate Gasket	2 2
10046 10047	Spur Cear Housing Cover Plate Screws	8
1019	Spur Gear Housing Cover Plate Screw Lock Washers	8
10x17	Spur Gear Drive Shaft.	. 2
70755	Spur Gears	. 2
10060	Sour Cear Nuts	. 2
9347	Cour Coor Nest Cotters	. 2
10043	Spur Gear Bearings (used on chassis No. 10001X to 10085X)	2
10×547	Spur Gear Bearing (used on chassis No. 10086X and up)	2
10x18	Spur Gear Felt Collar	2
10055	Spur Gear Bearing Clamp Plate	2
10x290	Brake Flange with No. 10069 Stop Pin—R. H.	
10061 10061-1	Brake Flange with No. 10069 Stop Pin-La H	1
10x19	Dueles Flance Ding	. 4
10069	External Proles Stop Pine	4
10051	Deales Flance Housing Tube End Screws	. 4
10052	Brake Flange Housing Tube End Screw Nuts. Brake Flange Housing Tube End Screw Cotters.	. 4
7x18	Brake Plange Housing Tube End Screw Cotters Brake Disc—R. H	. 1
10×20	Brake Disc—L. H.	. 1
10x21 7864	Proles Disa Cover Plate	. 2
7x28	Protes Dica Cover Plate Rivets	. 2
7866	Des Cover Dieto Stude	. 2
7865	Protes Disa Cover Plate Wing Nuts	. 2
7867	Brake Disc Spacers	. 2
10x22	Brake Disc Bolts and Nuts—Long Brake Disc Bolts—Short	. 4
7x29	Brake Disc Bolt Lock Washer	. 4
1056	Brake Disc Bolt Nuts	. 4
5237 4322	Proke Disc Bolt Cotter	. 4
10x23	External Brake Band Assembly—R. H	. l
10x24	External Brake Band Assembly—L. H.—Right and Left Comprising Parts J to K	. 1
10066	"I" External Brake Band	. 2
10067	External Brake Band Facing	. 2
7897	External Brake Band Facing Rivets	. 50
10x25	External Brake Band Facing Rivets, Long	. 8
70854	External Brake Band Top Clips External Brake Band Bottom Clips External Brake Band Bottom Clips	. 2
70855	External Brake Band Stop Clips	. 2
10068	External Brake Band Bolt Clips	. 4
70809	"K" External Brake Band Clip Rivets	. 44
7x28 70810	External Brake Adjusting Bolt	. 4
70923	External Brake Adjusting Bolt Nut	. 4
10x26	External Brake Support—R. H. Upper	. 2
10×27	External Brake Support—I. H. Upper	. 2
6114	External Brake Support Cap Screws	. 8
10	Spur Gear Housing R or L (used on chassis No. 10055X to 10085X) Spur Gear Housing R or L (used on chassis No. 10086X and up) Spur Gear Housing Flange Bolts % In. (used on chassis No. 10086X and up) Spur Gear Housing Flange Bolts Nuts % In. (used on chassis No. 10086X and up).	7.

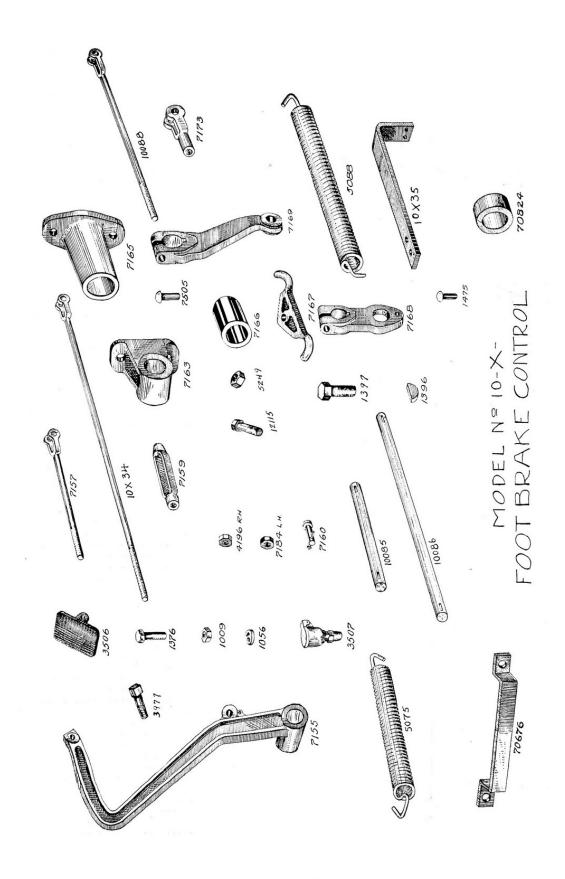


Catalog Number	Name of Part	Pieces Per Car
7134 1081 12380 12381 70813 7134-1 10x28 7126 7126-1 7127 7128 7129 3856 7122 7123 1253 10070 10071 10x11	External Brake Lever—R. H. External Brake Support Screw Lock Washers External Brake Compression Spring External Brake Adjusting Bolt Washer External Brake Lever Spring External Brake Lever Spring External Brake Lever—L. H. External Brake Adjusting Yoke—R. H. External Brake Adjusting Yoke—L. H. External Brake Adjusting Yoke Turnbuckle External Brake Adjusting Yoke Turnbuckle Nut—R. H. External Brake Adjusting Yoke Turnbuckle Nut—L. H. External Brake Adjusting Yoke Turnbuckle Nut—L. H. External Brake Adjusting Yoke Turnbuckle Nut—L. H. External Brake Band Clip Pins External Brake Band Clip Pin Solution External Brake Band Clip Pin Cotters External Brake Stop Clip Screws External Brake Stop Pin Spring "L" External Brake Stop Clip Screw Cotter For Hub See Wheels	8 4 4 1 1 2 2 2 2 6 6 6 6 2 2
	ENGINE SHIELD (Ilustrated on Page 16)	
10x29 10x30 6128 1026	Engine Shield—R. H. Engine Shield—L. H, Engine Shield Bolts Engine Shield Lock Washers	. 18
	FRONT ENGINE SHIELD	
10×31 7149 5208 7183 1026	Front Engine Shield with License Plate Brackets. Front Engine Shield License Plate Brackets. Front Engine Shield License Plate Bracket Rivets Front Engine Shield Screws. Front Engine Shield Screw Lock Washers	. 2 . 4 . 4
	RUNNING BOARD (STANDARD EQUIPMENT)	
7150 10x32 7152 7153 5051 1476 2549 3899 1019 7154	Running Board—R. H. Running Board—L. H. Running Board Hanger Blocks Running Board Edge Blocks Running Board Step Hanger to Frame Running Board Step Hanger Rivets Running Board to Step Hanger Bolts and Nuts—short. Running Board to Step Hanger Bolts and Nuts—long. Running Board to Step Hanger Bolt Lock Washers Running Board Brace Rod	. 1 . 4 . 2 . 4 . 16 . 6 . 2
	RUNNING BOARD (ELECTRICAL EQUIPMENT)	
70858	Running Board—R. H All other parts are the same as listed under Standard Equipment.	. 1
	FOOT BRAKE CONTROL (165" WHEEL BASE) (Illustrated on page 18)	
70933 7155 3506 1397 1009 1056 70824 3507 5075 10x33 7157 10x34	Foot Brake Pedal Lever Assembly Comprising Parts A to B "A" Foot Brake Pedal Lever Pad Foot Brake Pedal Lever Pad Screw Foot Brake Pedal Lever Pad Screw Nut "B" Foot Brake Pedal Lever Pad Screw Lock Washer Foot Brake Pedal Lever Spacer Foot Brake Pedal Lever Spacer Foot Brake Pedal Lever Coil Cup Foot Brake Pedal Lever Tension Spring Foot Brake Pull Rod Assembly Comprising Parts C to D "C" Foot Brake Pull Rod—Short Foot Brake Pull Rod—Long Foot Brake Pull Rod—Turphuckle	. 1 . 1 . 1 . 1 . 1 . 1

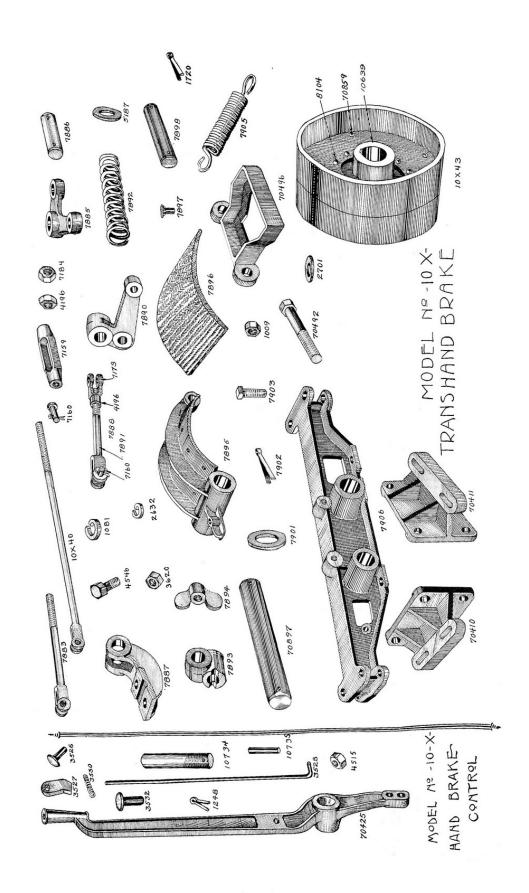


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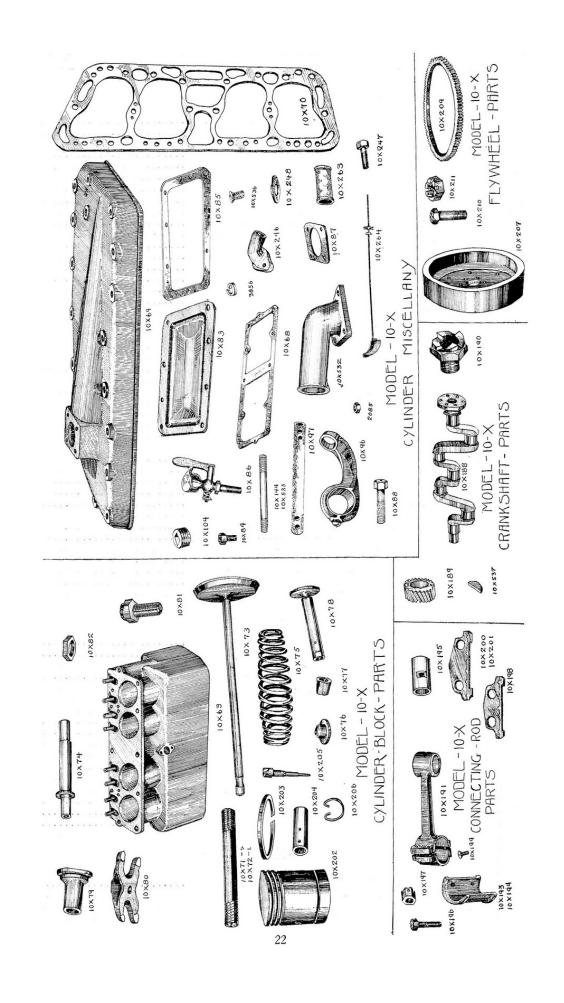
Number	Name of Part	Pieces Per Ca
7163 3977 1056 7165 7505 7166 7167 10×499 7168 1376 1056 1396 70676 70825 7169 1376 1056 10×35 1475 10087 10088 7173 4196 7160	Foot Brake Countershaft Inside Bearing Bolts Foot Brake Countershaft Inside Bearing Bolts Foot Brake Countershaft Inside Bearing Lock Washers Foot Brake Countershaft Outside Bearing , Foot Brake Countershaft Outside Bearing Rivets Foot Brake Countershaft Oilless Bushings Foot Brake Countershaft Equalizing Bar Foot Brake Countershaft Equalizing Bar Lever Assembly Comprising Parts E to F "E" Foot Brake Countershaft Equalizing Bar Lever Clamp Screws. "F" Foot Brake Countershaft Equalizing Bar Lever Clamp Screws. "F" Foot Brake Countershaft Equalizing Lever Clamp Screw Lock Washer Foot Brake Countershaft Equalizing Lever Key Foot Brake Countershaft Equalizing Lever Stop Foot Brake Countershaft Axle Rod Lever Assembly Comprising Parts G to H "G" Foot Brake Countershaft Axle Rod Lever Clamp Screws "H" Foot Brake Countershaft Axle Rod Lever Clamp Screws "H" Foot Brake Countershaft Axle Rod Lever Clamp Screw Lock Washer Foot Brake Countershaft Axle Rod Lever Clamp Screw Lock Washer Foot Brake Countershaft Axle Rod Lever Tension Spring Bracket Foot Brake Countershaft Equalizer Lever Tension Spring Bracket Foot Brake Countershaft Equalizer Lever Tension Spring Bracket Foot Brake Countershaft Equalizer Lever Tension Spring Bracket Foot Brake Axle Rod Assembly Comprising Parts I to J "I" Foot Brake Axle Rod Adjustable Yoke End Foot Brake Axle Rod Adjustable Yoke End Foot Brake Axle Rod Adjustable End Nut "J" Foot Brake Axle Rod Clevis Pin Group.	442441232222112222211222222
	FOOT BRAKE CONTROL (185" WHEEL BASE)	
10x36 10x37	All other parts are the same as listed under Foot Brake Control for 165" Wheel Base with exception of the following: Foot Brake Pull Rod Assembly Foot Brake Pull Rod—Long HAND BRAKE CONTROL	1
70424	(Illustrated on Page 20)	,
70424 70425 3527 3526 3528 3532 3530 1248	Hand Brake Lever Assembly Comprising Parts A to B "A" Hand Brake Lever Only. Hand Brake Lever Latch Hand Brake Lever Latch Pivot Pin Hand Brake Lever Latch Rod, Hand Brake Lever Latch Rod Sutton Hand Brake Lever Latch Rod Spring "B" Hand Brake Lever Latch Rod Cotter	1 1 1 1 1
	TRANSMISSION HAND BRAKE	
	(Illustrated on Page 20)	
10x38 10x39 7883 10x40 7159 4196 7184 7160 7885 7886 1720 7887 4546 3620 1081 7888 7891 7173 4196 7160 7890 7891 7160	Transmission Hand Brake Assembly Comprising Parts A to I "A" Hand Brake Pull Rod Assembly Comprising Parts B to C "B" Hand Brake Pull Rod—Long Hand Brake Pull Rod Turnbuckle, Hand Brake Pull Rod Turnbuckle, Hand Brake Pull Rod Turnbuckle Nut—R. H. Hand Brake Pull Rod Turnbuckle Nut—L. H "C" Hand Brake Pull Rod Bell Lever Hand Brake Rod Bell Lever Pin Hand Brake Rod Bell Lever Pin Cotter Hand Brake Pull Rod Bell Lever Bracket Hand Brake Pull Rod Bell Lever Bracket Hand Brake Pull Rod Bell Lever Bracket Screws Hand Brake Pull Rod Bell Lever Bracket Screws Hand Brake Pull Rod Bell Lever Bracket Screws Hand Brake Connecting Link Assembly Comprising Parts D to E "D" Hand Brake Connection Link Adjustable Yoke End Hand Brake Connection Link Adjustable Yoke End Hand Brake Toggle Hand Brake Toggle Adjusting Link Hand Brake Toggle Adjusting Link Hand Brake Toggle Adjusting Link Clevis Pin Group	1 1 1 1 1 1 2 1 2 2 2 2 2 1 1 1 1 1 1



Catalog Number	Name of Part	Pieces Per Ca
4196	Foot Brake Pull Rod Turnbuckle Nut-R. H. Thread	
7184	Foot Brake Pull Rod Turnbuckle Nut-L. H. Thread	1
7160 10085	"D" Foot Brake Pull Rod Clevis Pin Groups	2
10086	Foot Brake Countershaft—Short	
5187	Hand Brake Toggle Adjusting Link Plain Washer	1
7892	Hand Brake Toggle Adjusting Link Spring	1
7893 7894	Hand Brake Toggle Lock	1
70508	Hand Brake Toggle Wing Nut Hand Brake Shoe Assembly Comprising Parts F to G.	1 2
7895	"F" Hand Brake Shoe	2 2 2
7896	Hand Brake Shoe Lining	2
7897	"G" Hand Brake Shoe Lining Rivets	24
7898 1720	Hand Brake Shoe Toggle Pin	2 2 2 2 2 2 2 1
70897	Hand Brake Shoe Studs	2
7901	Hand Brake Shoe Stud Washer	$\bar{2}$
7902	Hand Brake Shoe Stud Cotter	2
7903 1009	Hand Brake Shoe Set Screw	2
7905	Hand Brake Shoe Tension Spring	1
70490	Hand Brake Shoe Stop	1
7568	Hand Brake Shoe Stop Screw	2
2692	Hand Brake Shoe Stop Screw Lock Washers	2 1
7906 70492	Hand Brake Cross Member to Bracket Screws	4
3620	Hand Brake Cross Member to Bracket Screw Nuts	4
2701	Hand Brake Cross Member to Bracket Screw Plain Washer	4
1081	Hand Brake Shoe Cross Member to Bracket Screw Lockwashers	
70908 70909	Hand Brake Cross Member Support Bracket—R. H	1
7565	Hand Brake Cross Member Support Bracket Screws	8
3620	Hand Brake Cross Member Support Bracket Screw Nuts	8
1081 10×41	Hand Brake Cross Member Support Bracket Screw Lock washer Hand Brake Drum Assembly Comprising Parts H to I	8
10x41 10x42	"H" Hand Brake Drum Stamping (not furnished separately)	1
70859	Hand Brake Drum Stamping Rivets	4
10x43	Hand Brake Drum (not furnished separately)	1
8104 10639	Hand Brake Drum Rivets	
10039	1 Dive ghate center 1 tanget	1
	CARBURETOR	
10x44	Carburetor Complete Comprising Parts A to H	1
7186 7187	"A" Carburetor Body	1
7188	Carburetor Float Cover and Needle Valve Assembly Comprising Parts B to C	1
7189	"B" Carburetor Float Cover	1
7190	Carburetor Needle Valve "G1"	1
7191 7192	Corpurator Mondle Valve Collar "Co"	1
7193	Carburetor Needle Valve Conai G2 Carburetor Needle Valve Lever Axle "C" Carburetor Needle Valve Weight "B" Carburetor Needle Valve Seat "S"	2
7194	"C" Carburetor Needle Valve Weight "B"	2
7195 7196	Carburetor Needle Valve Seat "S"	1 1
7197	Carburetor Air Sleeve Body with Shutter Shaft and Lever Complete Comprising Parts D	1
1171	to E	1
7198	"D" Carburetor Air Sleeve Body	1
7199 7200	Carburetor Air Sleeve Band	1
7200	Carburetor Air Sleeve Band Nut	1
7202	Carburetor Air Sleeve Shutter	1
7203	Carburetor Air Sleeve Shaft	1
7204 7205	Carburetor Air Sleeve Lever	1
7205	Carburetor Air Sleeve Lever Taper Pin	1
7207	"E" Carburetor Air Sleeve Lever Cotter Pin	1
7208	Carburetor Air Intake Clamp Screw	1
10869 7 210	"F" Carburetor Butterfly Throttle Valve "T"	1
7210	Carburetor Throttle Valve Lever "T1"	1

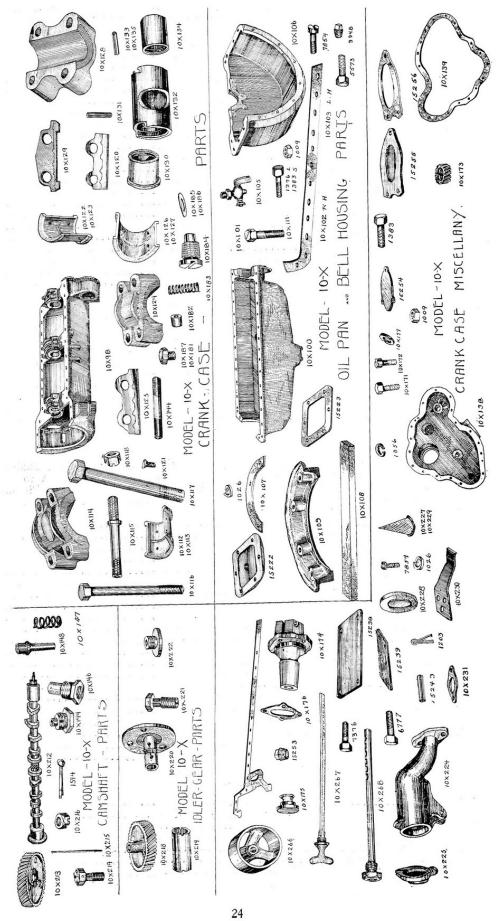


Catalog Number	Name of Part	Pieces Per Car
7217	Carburetor Cap Jet "H"	1
7218	Carburetor Cap Jet Washer	1
10x45	Carburetor Cap Jet Washer Carburetor Choke Tube "X" No. 26.	ī
7220	Carburetor Choke Screw "X1"	1
7221 7224	Carburetor Choke Screw Lock Washer	1
7225	Carburetor Compensating Jet No. 110	1
7226	Carburetor Compensating Jet Wo. 110 Carburetor Compensating Jet Washer Carburetor Cover Spring and Button "R". Carburetor Cover Spring Screw "R1" Carburetor Channel Hole Screw "E1" Carburetor Channel Hole Screw Washer	1
7227	Carburetor Cover Spring Screw "RI"	1
7228	Carburetor Channel Hole Screw "E1"	ī
7229		
7230 7231	Carburetor Filter Screen "D1"	1
7231	Carburetor Filter Plug "D2" Carburetor Idling Screw "O" Carburetor Idling Screw Seat "N" Carburetor Idling Lock Net	1
7233	Carburetor Idling Screw O	1
7235		
7234	Carburetor Idling Tube "I"	1
7236	Carburetor Idling Tube "J" Carburetor Idling Hole Screw Washer.	î
7237	Carburetor Idling Hole Screw Washer	1
7239 7240	Carburetor Lower Plug "L"	1
2620-3	Carburetor Lower Plug Washer Carburetor Main Jet "G" No. 120.]
7242	Carburetor Main Jet Washer	1
7243	Carburetor Priming Hole Screw	1
3573	Carburetor Priming Hole Screw	î
7245	Carburetor Union Body "D"	1
7246	Carburetor Union Body Washer—Upper	1
7247 3151	Carburetor Union Body Washer—Lower "H" Carburetor Gasoline Line Connection Nut.	1
10x46	Carburetor Hot Air Tube Assembly with No 7197 Air Sleeve Body Complete	1
10x47	Carburetor Hot Air Tube	1 -
7252	Carburetor Hot Air Tube Cotter	1
10x48	Carburetor Gas Intake Pipe Spacer	1
1383	Carburetor Gas Intake Pipe Spacer Screws	4
7255 10×49	Carburetor Gas Intake Spacer Flange Gaskets. Carburetor Heater Assembly Comprising Parts A to B.	2
7x48	"A" Carburetor Heater—Upper Half	1
7x47	Carburetor Heater—Lower Half	1
10100	Carburetor Heater Bolts	4
1274	"B" Carburetor Heater Bolt Washers	1
12106	Carburetor Dash Adjustment	
6690 5212	Carburetor Dash Adjustment Screws Carburetor Dash Adjustment Screw Nuts	2
1274	Carburetor Dash Adjustment Screw Nuts Carburetor Dash Adjustment Lock Washer	1 2 2 2
12/4	Carbuictor Dash ridjustment Dock washer	2
	CLUTCH CONTROL	
70830	Clutch Pedal Lever Assembly Comprising Parts A to B	1
70493	"A" Clutch Pedal Lever	1
3506	Clutch Pedal Lever Pad	1
1397	Clutch Pedal Lever Pad Screw	1
1009	Clutch Pedal Lever Pad Screw Nut	-
1056 11089	Clutch Pedal Lever Pad Screw Nut Lock Washer Clutch Pedal Lever Clamp Screws.,	. 1
4196	Clutch Pedal Lever Clamp Screw Nut	1
1840	"B" Clutch Pedal Lever Clamp Screw Lock Washer	1
5075	Clutch Pedal Lever Tension Spring	1
5190	Clutch Pedal Lever Tension Spring Bracket	
2099	Clutch Pedal Lever Tension Bracket Rivets	2
10130	Clutch Pedal Adjusting Lever	1
3631 1397	Clutch Pedal Adjusting Lever Key Clutch Pedal Adjusting Lever Clamp Screws	1
1056	Clutch Pedal Adjusting Lever Clamp Screw Lock Washer	1
70831	Clutch Pedal Adjusting Lever Set Screws	1
1611	Clutch Pedal Adjusting Lever Set Screw Lock Nut	1
10 50	COWL	
10x50	Cowl Assembly Complete Comprising Parts A to B.	1
10x51 10x52	"A" Cowl Only	1
7213	Cowl Instrument Board	1
7x44	Carburetor Throttle Valve Lever Stop Screw Nut	1

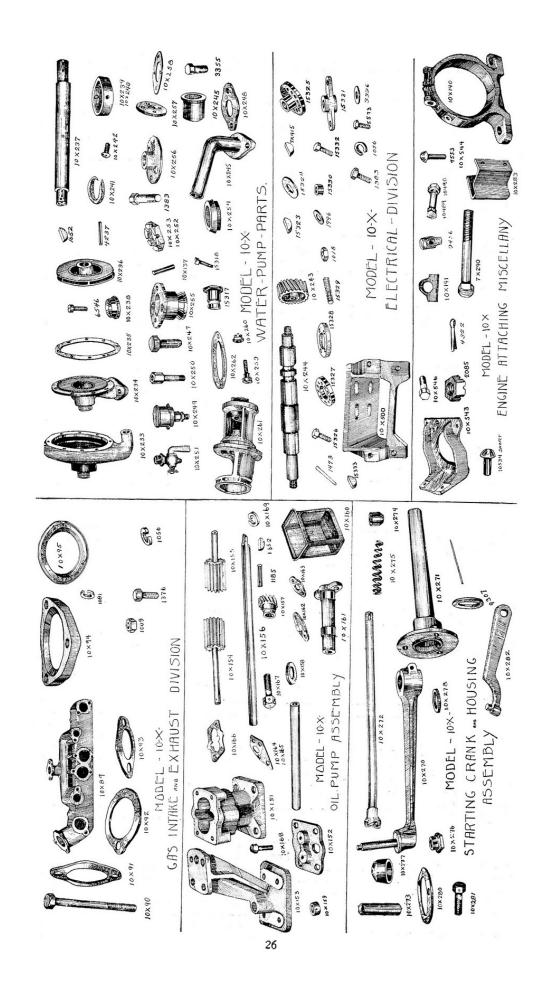


STEWART MOTOR CORPORATION, BUFFALO, N. Y.

7214 7215 7216 7x51 1026 10x53 10x54 7266 1026 10138 10x55 10x56 10142 12115 6704-1 1056 5249 10143 10144 1081 3620 11565 1273 1274 4651 1273 1274 10x57 1273 1274 10x57	Carburetor Butterfly Throttle Lever Shaft Carburetor Butterfly Throttle Lever Taper Pin "G" Carburetor Butterfly Set Screw Cowl Instrument Board Bolts Cowl Instrument Board Bolts Cowl Instrument Board Bolt Lock Washers Cowl Toe Board—Upper Cowl Toe Board—Lower Cowl Toe Board Bolts Cowl Toe Board Bolts Cowl Toe Board Bolt Lock Washers Cowl Toe Board Bolt Lock Washers Cowl Toe Board Screws Cowl Foot Board—Front Cowl Foot Board—Rear Cowl Handle Brackets Cowl Handle Bracket Screws Cowl Handle Bracket Screws Cowl Handle Bracket Screws Cowl Handle Bracket Screw Nuts Cowl Side Lamp Bracket Screw Nuts Cowl Name Plates Cowl Name Plates Cowl Name Plate Bolt Lock Washers Cowl Oil Can Holder Cowl Oil Can Holder Bolts Cowl Oil Can Holder Bolts Cowl Caution Plate Cowl Caution Plate Bolt Lock Washers Cowl Caution Plate Bolt Lock Washers Cowl Cuttain Fastener Screws Cowl Cowl Curtain Fastener Screws Cowl Cowl Curtain Fastener Screw Nuts	111122111515111242662444288122144488
1274	Cowl Curtain Fastener Screw Lock Washer	8
	(Illustrated on Pages 22, 24, 26)	
10x62 10x66 10x65	Engine Assembly complete less Magneto Coupling Carburetor, Spark Plugs, Cables, etc. Cylinder Assembly with Pistons, Valves, Push Rods, Etc., Comprising Parts A to E Cylinder Assembly Comprising all Parts listed under above Assembly except Pistons and	1
	Cylinder Block Only but Fitted with Pistons and Rings. "A" Cylinder Only Cylinder Valve Stem Guides Cylinder Valve Push Rod Guides Cylinder Valve Push Rod Crabs Cylinder Valve Push Rod Crab Lock Washers Cylinder Head Studs (short) Cvlinder Head Studs (long) Piston Assembly Comprising Parts C to D "C" Pistons Only Piston Rings Piston Pins Piston Pin Set Screws Piston Pin Set Screw Lock Washers "D" Piston Pin Retaining Springs Cylinder Valves Cylinder Valve Spring Cups Cylinder Valve Spring Retainers (in halves) Cylinder Valve Push Rods Cylinder Valve Push Rod Adjusting Screws "E" Cylinder Valve Push Rod Adjusting Screws "E" Cylinder Valve Push Rod Adjusting Screws "E" Cylinder Valve Push Rod Adjusting Screws (Illustrated on Page 22)	1 1 8 8 4 4 17 2 4 4 4 16 4 4 4 4 8 8 8 8 8 16 8 8 8 8 8 8 8 8 8 8 8 8 8
10x69 10x70 2085 3856 10x86 10x83 10x85	Cylinder Head Cylinder Head Gasket Cylinder Head Stud Nuts.	1 1 19 19 4 2



10x84 1026 10x68 10x144 10x535 3856 10x97 10x96 10x536 1026 10x532 10x87 10x88 1019 10x246 10x248 10x247 1019 10x263	Cylinder Valve Enclosure Cover Screw Lock Washers Cylinder and Crank Case Attaching Studs (short) Cylinder to Crank Case Attaching Studs (long) Cylinder to Crank Case Attaching Stud Washers Cylinder Spark Plug Cable Tubes Cylinder Spark Plug Cable Tube Brackets Cylinder Spark Plug Cable Tube Set Screw (14x1/8 Stove) Cylinder Spark Plug Cable Tube Set Screw Washers Cylinder Spark Plug Cable Tube Set Screw Washers Cylinder Water Outlet Manifold (on Cylinder Head) Cylinder Water Outlet Manifold Gasket Cylinder Water Outlet Manifold Attaching Screws Cylinder Water Outlet Manifold Attaching Screws Cylinder Water Inlet Connections (to Cylinder) Cylinder Water Inlet Connection Gasket Cylinder Water Inlet Connection Screws Cylinder Water Inlet Connection Screws Cylinder Water Inlet Connection Screws Cylinder Water Inlet Connection Hose	16 11 10 14 14 12 22 24 14 44 44 42 22 12
10×191	Connecting Rod and Cap	8
10x196 10x197		8
1203	Connecting Rod Bolt Nut Cotters.	4
10x193 10x194	- T T T T T T T T T T T T T T T T T T T	4 32
10x199	Connecting Rod Bearing Retaining Screws	8
10×198 10×200	C . D-1 Dearing Droce Chime (thick)	8
10x200	a . D I D D D D D Co Shime (thin)	8
10x195	"G" Connecting Rod Bushings (Piston Pin End)	
	CRANKSHAFT	
10 100	Crank Shaft(Illustrated on Page 22)	1
10x188 10x189	G 1. G1 () C	1
10x107 10x537	a 1 at t. C Va	1
10x190	Crank Shaft Gear Key	1
	FLYWHEEL	
	(Illustrated on Page 24) Flywheel For Starter Less Gear	1
10x207 10x209		1
10x209 10x210		4
10x211	Flywheel Bolts	4
4322		
	CAM SHAFT	
10x212	(Illustrated on Page 24) Cam Shaft	1
10x212 $10x213$	G G1 G G	1
10x214	Cam Shaft Gear Cam Screw Cam Shaft Gear Cap Screw Lock Wire	1
10x215 10x216	Came Chaft End Nest	î
4322	Com Shoft End Nut Cotter Pin	1
10x149	Com Chaft Though Coring Nut	1
10x146	Cam Shaft Thrust Spring Housing Cam Shaft Thrust Spring Spacing Washers	3
10x539 10x148		1
10x147	Cam Shaft Thrust Plug Plunger Spring]
	IDLEK GEAR	
	(Tilestrated on Page 24)	
10x218	Idlan Coon and Dushing	1
10x219	Idler Gear Bushing	1
10x133 10x220	Idler Gear Stud or Shaft	1
10x220 $10x221$	Idler Gear Stud Screws	:
10x208	Idler Gear Stud Screw Lock Wire	
10x222	idier Gear Stud Thrust Flug	



CRANK CASE

(Illustrated on Page 24)

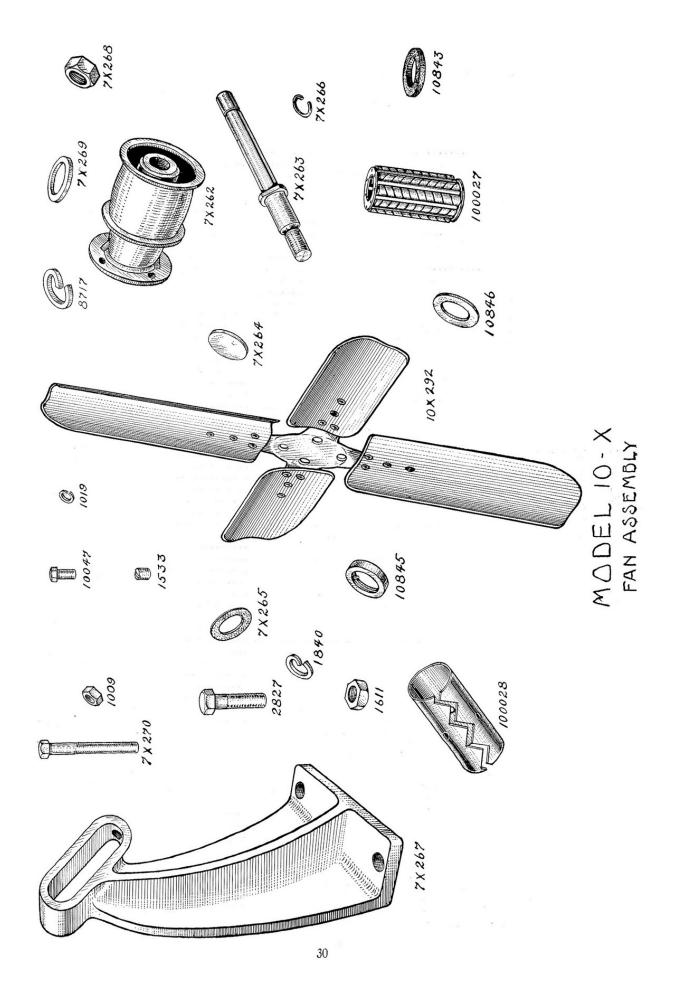
10x99	Crankcase Assembly Comprising Part H to I	1
10x114	"H" Crank Case Only (not furnished)	
10x114 $10x115$	Crank Shaft Front Bearing Cap Studs	2
10x115	Crank Shaft Front Rearing Can Bolts	2 2 2 4
10x110	Coople Chaft Front Rearing Can Rolt Nuits	
4322	Crank Shaft Front Rearing Can Bolt Cotters	4
10x112	Craple Shaft Front Rearing (upper)	1
10x113	Cront Shaft Front Bearing (lower)	1
10x121	Crank Shaft Front Bearing Retaining Screws	8 2
10x120	Crank Shaft Front Bearing Shims Crank Shaft Center Bearing Cap	1
10x124 10x115	Crank Shaft Center Bearing Cap Studs	2
10x115 10x116	Carala Chaff Conton Hooming Can Bolte	2 2 4
10x110 $10x119$	Crowle Chaft Contar Regging Rolf and Stud Nuts	
4322	Cronle Shaft Center Rearing Rolt and Stud Cotters	4
10x122	Coople Chaft Contar Bearing (upper)	1
10x123	Charle Shoft Center Regring (lower)	1 8
10x121	Crank Shaft Center Bearing (tower) Crank Shaft Center Bearing Retaining Screws	2
10x125	Crank Shaft Center Bearing Laminated Shim	1
10x128 10x538	Coonly Chaft Door Boaring Can Stud	2
10x338 10x117	Charle Chaft Door Regring Can Rolf	2
10x118	Cronly Shoft Dear Regring Rolf and Stild Nills	4
4322	Crank Shaft Rear Rearing Rolf and Stud Nut Cotter	4
10x126	Cronk Shaft Rear Rearing (unner)	. 1
10x127	Crank Shaft Rear Bearing (lower) Crank Shaft Rear Bearing Retaining Screws.	8
10x121	Charle Chaft Door Boaring Laminated Shime	. 2
10x129 10x130	Cam Shaft Front Rearing	1
10x130 $10x131$	Com Chaft Front Regring Dowel Pin	1
10x132	Com Shoft Center Regging	1
10x133	Com Chaft Contag Reaging Dowel Pin	1
10x134	Cam Shaft Rear Bearing	1
10x135	Cam Shaft Rear Bearing Dowel Pin	1
10x144	Cronk Cose to Cylinder Stude	10
10x144 10x540	Cronly Coco Oil Distributing Pine	1
10x181	O 1. C Oil Distribution Dies Dies	1
10x182	O'I Descript Description Valve Rall Seat	1
6600	Oil Pressure Regulating Valve Rall	1
10x183	Oil Pressure Regulating Valve Spring Oil Pressure Regulating Valve Screw Oil Pressure Regulating Valve Screw	î
10x184 10x185	Oil Pressure Regulating Valve Screw Washer (thin (0))	7
10x185 10x186	Oil Pressure Regulating Valve Screw Washer (thick 1-32)	2
10x187		2
	The second secon	
	OIL PAN	
	(Illustrated on Page 24)	
10x100	Oil Pan Assembly Comprising Parts I to K	1
10x541	"J" Oil Pan Only	1
10×101	Oil Pan Trough Oil Pan Trough Screws	6
7854 1026	"K"Oil Pan Trough Screw Washers	6
15222	Oil Pan Hand Hole Cover	1
15223	Oil Pan Hand Hole Cover Gasket	1
5573	Oil Pan Hand Hole Cover Can Screws	6
1056	Oil Pan Hand Hole Cover Lock Washer	6
3948	Oil Pan Hand Hole Cover Drain Plug	1 1
10×105	Oil Pan Drain Cock	1
10x106 10x109	Oil Pan Bell Housing	1
10×107	Crank Case and Oil Pan Bell Housing Oil Retainer Flange Gasket	2
10×111	Crank Case and Oil Pan Bell Housing Oil Retainer Flange Screw	4
10x108	Oil Pan Rell Housing Packing Strip	1
1376	Oil Pan Bell Housing to Crank Case Bolts	6
1009	Oil Pan Bell Housing to Crank Case Bolt Nuts	6 6
11150	A LUI Fan Beil Housing to Claik Case Duit Washers	J

Catalog Number	Name of Part	Pieces Per Car
15232 1383 1376 1056 15232	Oil Pan Bell Housing to Crank Case Dowel Pins. Oil Pan to Crank Case Bolts (short). Oil Pan to Crank Case Bolts (long). Oil Pan to Crank Case Bolt Washers. Oil Pan to Crank Case Dowel Pins.	10
	CRANK CASE MISCELLANY (Illustrated on Page 24)	
10x102 10x103 10x267 10x268 10x178 15238 6777 1026 15239 8500 10x223 10x224 10x225 15243 1203 10x228 10x230 7854 1026 10x227 10x227 10x227 10x231 1383 1056 10x138 10x136 10x137 10x139 15253 1376 1009 1056 15232 15232 15232 14383	Crank Case and Oil Pan Gasket R. H. Crank Case and Oil Pan Gasket R. H. Oil Level Gage Blade and Handle Oil Level Gage Tube and Nut Oil Pump Try Cock Flywheel Housing Timing Hole Cover Plate Flywheel Housing Timing Hole Cover Plate Screws. Flywheel Housing Timing Hole Cover Plate Washers Flywheel and Starter Pinion Inspection Hole Plate Flywheel and Starter Pinion Inspection Hole Plate Flywheel and Starter Pinion Inspection Hole Plate Screw. Crank Case Breather Assembly Comprising Parts L to M. "L" Crank Case Breather Body With Lower Screen Crank Case Breather Body Cover Hinge Pin. Crank Case Breather Body Cover Hinge Pin. Crank Case Breather Body Cover Hinge Pin Cotters. Crank Case Breather Body Cover Spring Screw Crank Case Breather Body Upper Screen "M" Crank Case Breather Body Gasket Crank Case Breather Body Attaching Screws Crank Case Breather Body Attaching Screw Crank Case Breather Body Attaching Screw Crank Case Timing Gear Cover Assembly with next two two parts. Water Pump Shaft Front Bushing Water Pump Shaft Front Bushing Dowel Pin Crank Case Timing Gear Case Cover Gasket Crank Case Timing Gear Case Cover Bolt (long) Crank Case Timing Gear Case Cover Bolt Nuts Crank Case Starter Hole Cover Plate	1 1 1 1 4 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1
1056 10x173 10x170 10x174 10x171 10x172 10x175 10x176 10x177	Crank Case Starter Hole Cover Plate Bolt Washer Governor Drive Gear (on rear of Cam Shaft). Governor Drive Shaft Governor Drive Shaft Bearing Upper Governor Drive Shaft Clamp Bolt Governor Drive Shaft Clamp Screw Governor Drive Shaft Cap Governor Drive Shaft Cap Governor Drive Shaft Gasket Governor Drive Shaft Thrust Washer	1 1 1 1 1 1
	GAS INTAKE AND EXHAUST MANIFOLD (Illustrated on Page 26)	
10x89 10x90 1081 10x91 10x92 10x92 10x93 10x94 1397 1009 1056 10x587 10x587 10x588 1081	Combination Intake and Exhaust Manifold Combination Intake and Exhaust Manifold Screws Combination Intake and Exhaust Manifold Washers. Combination Intake and Exhaust Manifold Gasket (EP) Combination Intake and Exhaust Manifold Gasket (MP) Intake Port Gaskets Exhaust Manifold Flange Exhaust Manifold Flange Bolt Exhaust Manifold Flange Bolt Exhaust Manifold Flange Bolt Washers Exhaust Manifold Flange Gaskets Engine Gas Intake Pipe Gasket Engine Gas Intake Pipe to Manifold Bolts Engine Gas Intake Pipe to Manifold Bolt	10 10 1 1 1 1 2 2 2 1

OIL PUMP

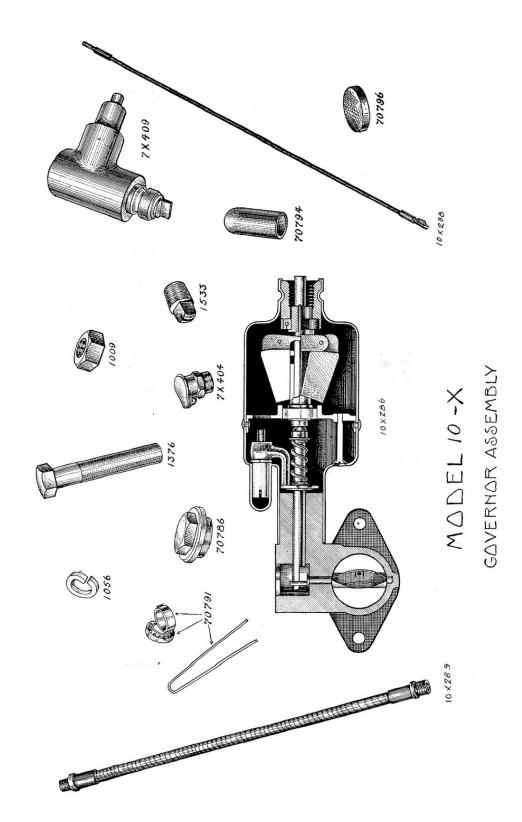
(Illustrated on Page 26) Catalog Number Name of Part Oil Pump Assembly Comprising Parts N to O.

"N" Oil Pump Body
Oil Pump Body Cover Gasket 10x55010x151Oil Pump Body Cover Gasket
Oil Pump Body Cover
Oil Pump Cover Cap Screws
Oil Pump Body Bracket
Oil Pump Body Bracket Gasket (upper)
Oil Pump Body Bracket Gasket (lower)
Oil Pump Driving Gear
Oil Pump Driven Gear
"O" Oil Pump Body Cover Lock Washers
Oil Pump Screen
Oil Pump Screen
Oil Pump Screen Cap Screw
Oil Pump Drive Shaft
Oil Pump Drive Shaft
Oil Pump Or Gov. Drive Shaft Gear 10x16310x15210x16710x15310x16410x16510x15410x1551026 10x16010x16810x156Oil Pump or Gov. Drive Shaft Gear..... 10x157Oil Pump Drive Shaft Gear Pin
Oil Pump Drive Shaft Gear Key 1185 1652 Oil Pump Drive Shaft Gear Key
Oil Pump Drive Shaft Bushing
Oil Pump Drive Shaft Thrust Washer (upper)
Oil Pump Drive Shaft Thrust Washer (lower)
Oil Pump Drive Shaft Cover Plate
Oil Pump Drive Shaft Cover Plate Gasket
Oil Pump and Bracket Cap Screws
Oil Pump Body and Bracket Lock Washers 10x16110x15810x15910x10210x16310x16710x169WATER PUMP (Illustrated on Page 26) Water Pump Body (with Bushings)
Water Pump Body (with Bushings)
Water Pump Body Cover (with Bushings)
Water Pump Body Cover Gasket
Water Pump Body Cover Screws
Water Pump Runner or Paddle
Water Pump Runner Key
Water Pump Runner Taper Pin
Water Pump Shaft and Sleeve Assembled
Water Pump Body Packing
Water Pump Body Packing Gland
Water Pump Body Packing Nut R. H. Thread
Water Pump Body Cover Packing Nut I., H. Thread
Water Pump Drain Cock Water Pump Assembly Comprising Parts P to Q..... 10x23210x23310x23410x2356546 10x2361652 4237 10x23710x24110x23810x23910x240Water Pump Drain Cock 10x251Water Pump Grease Cups
"I" Water Pump Grease Cup Extensions
Water Pump Set Screws. 10x249 10x25015304 Water Pump Set Screw Lock Nut
Water Pump Driving Flange on Magneto Shaft
Water Pump Driving Flange Key 1009 10x2555030 Water Pump Driving Flange Key
Water Pump Driving Flange Nut
Water Pump Driving Flange Nut Cotter
Water Pump Disc (rubber)
Water Pump Coupling Bolts
Water Pump Coupling Bolt Nuts
Water Pump Driven Flange on Pump Shaft
Water Pump Driven Flange Key
Water Pump Driven Flange Taper Pin
Water Pump Driven Flange Taper Pin Cotter
Water Pump Support Bracket
Water Pump Support Bracket Cap Screws 10x2531844 10x25710x25910x26010x2565030 10x5861326 10x26110x262Water Pump Support Bracket Cap Screws
Water Pump Support Bracket Lock Washers
Water Pump Support Bracket Magneto Shaft Bushing
Water Pump Support Bracket Magneto Shaft Bushing Dowel Pin 1383 1056 10x13610x137Water Pump Support Bracket Magneto Shaft Bushing Dowel Pin.
Water Pump Support Bracket Plug (Special)
Water Pump Support Bracket Plug Serew
Water Pump Spanner Wrench
Water Pump Inlet Connections to Water Pump.
Water Pump Inlet Connection Bolts
Water Pump Inlet Connection Bolt Nuts
Water Pump Inlet Connection Bolt Washers 15317 15318 10x28210x2453355 1018

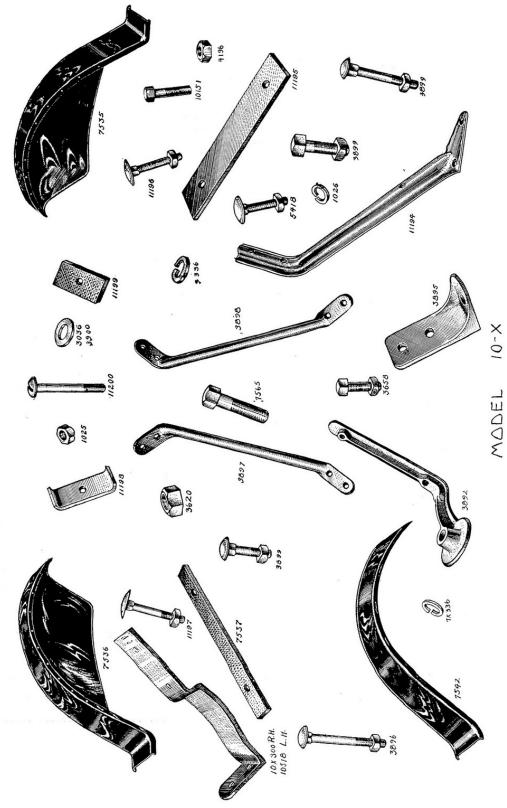


ELECTRICAL DIVISION

Catalog Number	(Illustrated on Page 26) Name of Part	Pieces Per Ca
10x244 10x243 15323 15324 12540 15325 7x415 1473 15326 1026 15327 15328 15329 1018 1996 1019 15330 15331 15332 1018 1996 1019 15333 10x500 1383 10x500 1383 10x50 10x5 10x5 10x5 10x5 10x5 10x5 10x	Magneto and Fan Pulley Shaft Gear Magneto and Fan Pulley Shaft Gear Magneto and Fan Pulley Shaft Gear Key. Magneto and Fan Pulley Shaft Gear Thrust Washer Magneto Coupling Assembly Magneto Coupling Adjusting Flange (shaft end). Magneto Coupling Adjusting Flange Key No. 8. Magneto Coupling Adjusting Flange Taper Pin No. 3x1-¼ Magneto Coupling Adjusting Flange Screw Magneto Coupling Adjusting Flange Screw Lock Washer. Magneto Coupling Disc (steel). Magneto Coupling Disc (thermoid) Magneto Coupling Studs Magneto Coupling Stud Nut Magneto Coupling Stud Nut Magneto Coupling Stud Nut Magneto Coupling Stud Plain Washer Magneto Coupling Stud Rock Washer Magneto Coupling Thange (magneto end) Magneto Coupling Flange (magneto end) Magneto Coupling Flange Bolt Nuts Magneto Coupling Flange Bolt Washers Magneto Coupling Flange Bolt Washers Magneto Coupling Flange Bolt Washers Magneto Coupling Flange Key Magneto Brackets Magneto Bracket Attaching Bolts Magneto Bracket Attaching Bolt Washers Magneto Attaching Screw Lock Washers Magneto Attaching Screw Plain Washers	1 1 1 1 1 1 2 2 2 1 1 2 2 2 2 1 4 4 4 4
	STARTING CRANK	
	(Illustrated on Page 26)	
10x269 10x548 10x270 10x273 10x277 10x549 10x272 10x274 10x275 10x276 3393 10x279 1009 1056 10x271 10x280 10x281 1056 15347	Starting Crank and Housing Assembly Comprising the following parts. Starting Crank and Handle Assembly Starting Crank Handle Sleeve Starting Crank Handle Sleeve Cap Starting Crank Handle Sleeve Cap Springs Starting Crank Shaft and Jaw Starting Crank Shaft Plunger Starting Crank Shaft Plunger Starting Crank Shaft Plunger Spring Starting Crank Shaft Plunger Spring Starting Crank Shaft Plunger Spring Cap Starting Crank Shaft Handle Key Starting Crank Shaft Handle Clamp Bolt Starting Crank Shaft Handle Clamp Bolt Starting Crank Shaft Handle Clamp Bolt Washer Starting Crank Shaft Housing or Bracket Starting Crank Shaft Housing Gasket Starting Crank Shaft Housing Cap Screw Starting Crank Shaft Housing Lock Washers Starting Crank Shaft Housing Lock Wire.	1 1 1 1 2 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1
	ENGINE ATTACHING MISCELLANY	
	(Illustrated on Page 26)	
10x140 10489 10490 4322 10x141 9456 10x543 10x544 10x283 7553	Engine Front Support Engine Frant Support Clamp Bolt Engine Front Support Clamp Bolt Nut Engine Front Support Clamp Bolt Cotter Engine Front Support Clamp Bolt Shim Engine Front Support Alemite Grease Cups (1/8) Engine Front Support Bracket (on frame) Engine Front Support Bracket Rivets (1/2x1—3/4) Engine Rear Support Brackets Engine Rear Support Bracket Rivets (short)	1 1 1 1 1 5

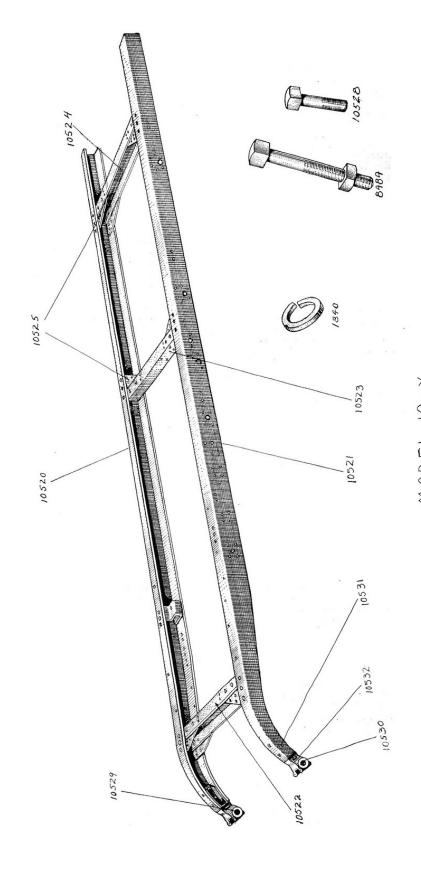


Catalog Number	Name of Part	Pieces Per Ca
10534 7x290 2085 1253 1052 10x545 10x546 4198 3856	Engine Rear Support Bracket Rivets (long) Engine Rear Hold Down Bolts (long R. H. side) Engine Rear Hold Down Bolt Nut Engine Rear Hold Down Bolt Cotter Pin Engine Rear Hold Down Bolt Plain Washer Engine Rear Hold Down Spring Engine Rear Hold Down Bolt (short) L. H. Side (5%x5½) Engine Rear Hold Down Bolt Nut Engine Rear Hold Down Bolt Washer	1 1 1
	FAN (Illustrated on Page 30)	
10x291 10x292 10047 1019 7x262 1533 7x263 7x264 10482 100027 100028 7x265 10846 10843 10846 7x267 7x268 7x269 8717 7x270 1009 2827 1611 1840 7x271	Fan Assembly Comprising Parts A to D "A" Fan Blade Assembly Including Blades and Spider (20") Fan Spider Screw Fan Spider Screw Lock Washers Fan Hub Fan Hub Oil Plug Fan Spindle Fan Spindle End Stud Thrust Plate Fan Hub Roller Bearing Assembly Comprising Parts B to C "B" Fan Hub Bearing Roller Assembly "C" Fan Hub Bearing Sleeve Fan Hub Rear Bronze Thrust Washer Fan Hub Rear Steel Thrust Washer Fan Hub Dust Felt Fan Hub Dust Felt Fan Hub Front Thrust Collar Assembly Including Collar and Guide Pin Fan Hub Front Thrust Collar Lock Wire Fan Support Bracket Fan Spindle Clamp Nut Fan Spindle Clamp Nut Fan Spindle Clamp Nut Washer Fan Spindle Clamp Lock Washer Fan Spindle Clamp Lock Washer Fan Spindle Adjusting Set Screw "D" Fan Spindle Adjusting Set Screw "D" Fan Support Attaching Screws Fan Support Attaching Screw Nuts	4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	GOVERNOR (Illustrated on Page 32)	
10x285 10x286 10x287 7x404 10x288 10x289 7x408 70794 70796 70786 7253 1376 1009 1056 70791	Governor Assembly Comprising Parts A to B "A" Governor Proper Angle Drive Assembly Governor Oil Cup Drive Shaft Drive Shaft Tube Drive Shaft Tube Drive Shaft Tube Jam Nut Governor Adjusting Screw Cap Governor Valve Cap Angle Drive Cap "B" Valve Box Flange to Intake Manifold Flange Gasket Valve Box Flange to Intake Manifold Flange Clamp Screws Valve Box Flange to Intake Manifold Flange Clamp Screws Valve Box Flange to Intake Manifold Flange Clamp Screw Nut Valve Box Flange to Intake Manifold Flange Clamp Screw Nut Overnor Seal	1 1 1 1 1 1 1 1 1 1 2 2 2
	EQUIPMENT (Regular)	
7520	Tool Roll Assembly Comprising the Following Ten Parts. 1 Canvas Roll 1 Hammer (Machinists') 1 Screwdriver 10-inch. 1 Pair Pliers 6-inch. 1 Punch 1 Cold Chisel 1 Flat File 8-inch. 1 Open End Wrench No. 27 1 Open End Wrench No. 31 1 Adjustable Wrench 9-inch.	1



FRONT ... REAR FENDER ASSEMBLY

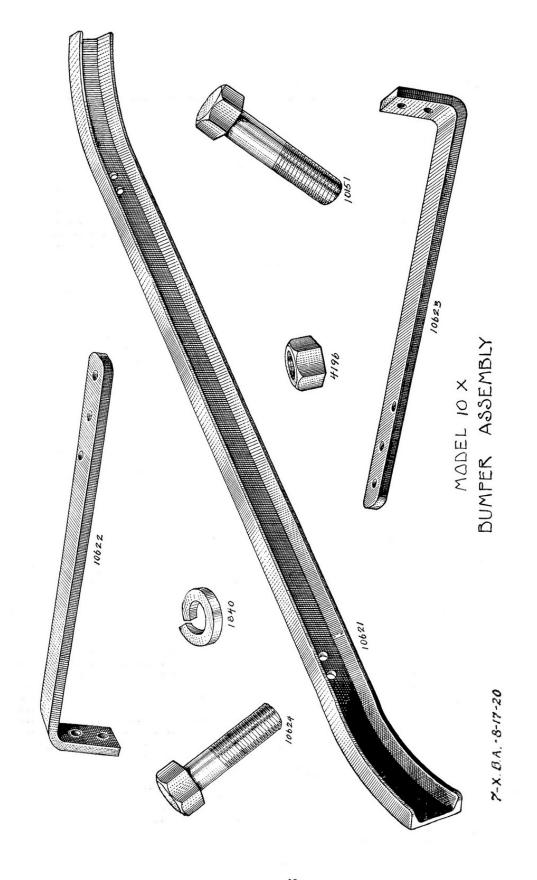
Catalog Number	Name of Part	Pieces Per Car
10503 7531 10502 7523 7525 7527 7528 7529 10505 10x337 10x293	Auto Jack Oil Can Spark Plug Wrench Carburetor Socket Wrench Magneto Wrench Carburetor Instruction Book Magneto Instruction Book Stewart Instruction Book Clutch Pedal Instruction Tag Rear Wheel Spindle Nut Wrench Auto Jack Used with Pneumatic Equipment	1 1 1 1 1 1 1 1 1
	TOOL BOX	
10x294 4637 10507 8257 3036 10x295 1019 5396 10508 10506 4639 1019 7771 4639 3899 1019 3900	Tool Box Assembly Comprising Parts A to B "A" Tool Box. Jack Hold Down Block Jack Hold Down Block Bolts Jack Hold Down Block Bolt Washers Jack Hold Down Block Bolt Jack Hold Down Block Bolt Jack Hold Down Block Bolt Jack Hold Down Block Clamp Jack Hold Down Block Wing Nut Tool Box Board Tool Box Bolts Jack Hold Down Block Wing Nut Tool Box Bolts Jack Hold Down Block Wing Nut Tool Box Bolts Jack Hold Down Block Bolt Lock Washers Tool Box Hold Down Bolts Tool Box Hold Down Bolts Tool Box Hold Down Bolts Tool Box Hold Down Lock Washers Tool Box Hold Down Lock Washers Tool Box Hold Down Plain Washers	6
	HORN	
70832 10510 10511 10512 6238 1996 70827	Horn Complete Comprising Parts A to B "A" Horn Horn Push Rod "B" Push Rod Bearing Horn Attaching Bolts Horn Attaching Bolt Plain Washers Horn Push Rod Bearing Screws	1 1 2 2
	OIL LAMPS	
10513 10514 4115 7595 3875 1056	Side Oil Lamp—R. H. Side Oil Lamp—L. H. (See Cowl for Brackets) Rear Oil Lamp Rear Oil Lamp Bracket Rear Oil Lamp Bracket Rear Oil Lamp Bracket Bolts Rear Oil Lamp Bracket Bolts Rear Oil Lamp Bracket Bolt Lock Washers	1 1 1 3
	FRAME MISCELLANY	
7765 3658 1019 70939 3977 1056	Rear License Plate Brackets Rear License Plate Bracket Bolts Rear License Plate Bracket Bolt Lock Washers Chassis Name Plate Chassis Name Plate Bolts Chassis Name Plate Bolts Chassis Name Plate Bolt Lock Washers	4 4 1 4
	SPECIAL EQUIPMENT	
7617	GAS LAMPS	
7615 10x296 10x297 6296 1056	Gas Headlights , Headlight Bracket—L. H. Headlight Bracket—R. H. Headlight and Bracket Screws. Headlight Bracket Screw Lock Washers.	1 1



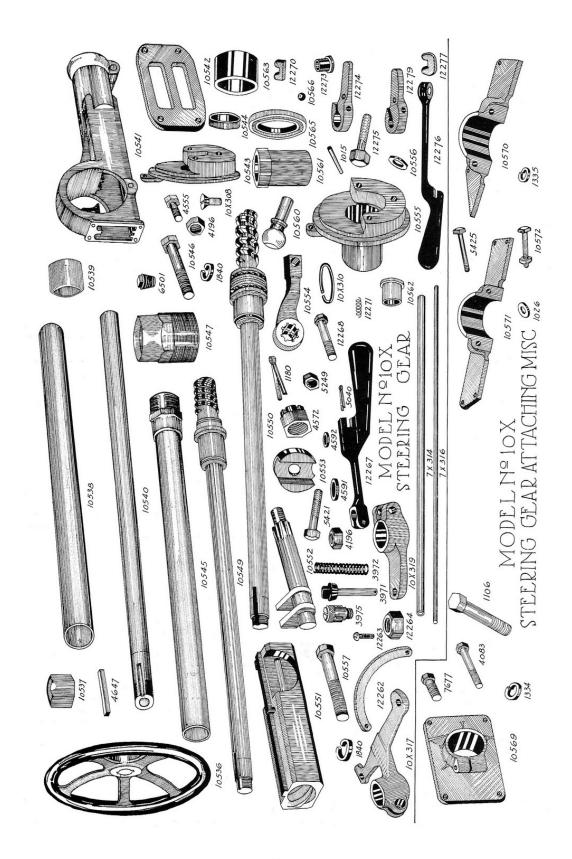
MODEL 10-X FRAME ASSEMBLY

PRESTOLITE TANK

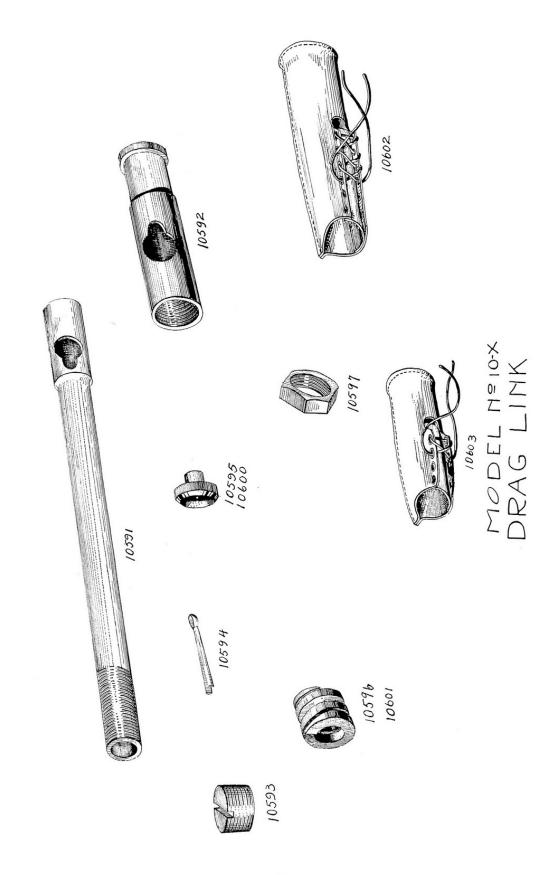
Catalog Number	Name of Part	Pieces Per Ca
3349 10788 10789 10790 10791 10792 10793 7565 2692 5831 5830 2295 10798 3492 1274	Prestolite Tank Prestolite Tank Nut Style "L" Prestolite Tank Tail Piece Prestolite Tank Brackets . Prestolite Tank Bracket T Bolts Prestolite Tank Bracket Bolt Washers Prestolite Tank Bracket Bolt Nut Prestolite Tank Brackets to Frame Bolts. Prestolite Tank Brackets to Frame Nuts Prestolite Tank Brackets to Frame Nuts Prestolite Tank Tube Prestolite Tank Tube Prestolite Tank T Connection Prestolite Tube Clip Bolts Prestolite Tube Clip Washers	1 2 2 2 2 6 6 1 1 1 4 4
	ELECTRIC LAMP	
11474 11475 10x297 10x296 6296 1056 11191 7595 3875 1056	Electric Headlights Lenses. Electric Headlight Bracket—R H. Electric Headlight Bracket—L. H. Electric Headlight Bracket Screws Electric Headlight Bracket Screws Electric Headlight Bracket Screws Electric Headlight Bracket Screw Lock Washers Tail Lamp Combination Oil and Electric Tail Lamp Bracket Tail Lamp Bracket Bolts Tail Lamp Bracket Bolts Tail Lamp Bracket Bolt Lock Washers	2 1 1 8 8 1 1
	STORAGE BATTERY	
11483 11484 11485 11486 11487 11488 1269 1019 11489 5427 3036 1019 11490 1009 1056	Storage Battery Storage Battery Terminal Storage Battery Terminal Bolts Storage Battery Terminal Bolt Nuts Storage Battery Box Storage Battery Blocks Storage Battery Bolts Storage Battery Bolt Lock Washer Storage Battery Bolt Blocks Storage Battery Bolt Blocks Storage Battery Bolt Blocks Storage Battery Bolts Storage Battery Bolts Storage Battery Bolt Plain Washers Storage Battery Lock Washers Storage Battery Hold Down Rods Storage Battery Hold Down Rod Nuts Storage Battery Hold Down Lock Washers	2 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	FRONT FENDER (Illustrated on Page 34)	
10x298 10x299 7535 7536 11194 7565 3620 2692 11195 7537 11198 11199 11196 11197 1026 11200 1025 3036 1026 10518	Front Fender Assembly—R. H. Front Fender Assembly—L. H. Front Fender—R. H. Front Fender—L. H. Front Fender Iron Bolts Front Fender Iron Bolts Front Fender Iron Bolt Nuts Front Fender Iron Bolt Lock Washers Front Fender Pad Irons—Large Front Fender Pad Irons—Large Front Fender Pad Irons—Small Front Fender Pad Jrons—Small Front Fender Pads—Small (Anti Squeak) Front Fender to Iron Bolts Front Fender Screw Nuts Front Fender Screw Nuts Front Fender Screw Plain Washers Front Fender Screw Lock Washers	1 1 2 6 6 6 2 2 2 2 2 2 4 2 2 2



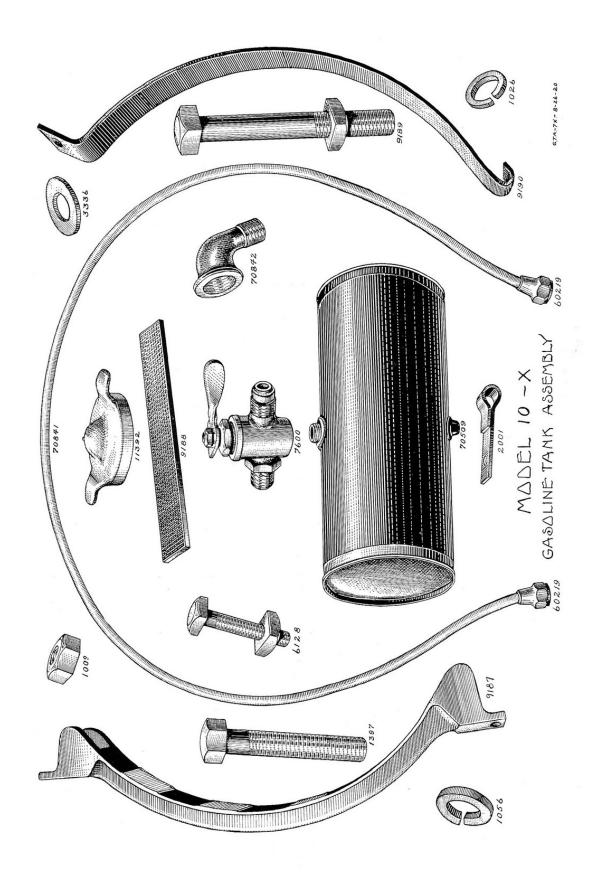
Catalog Number	Name of Part	Pieces Per Car
10x300 10151 4196 1840 7537	Front Fender Anti-Rattling Iron—R. H. Front Fender Anti-Rattling Iron Screws Front Fender Anti-Rattling Iron Screw Nuts Front Fender Anti-Rattling Iron Screw Lock Washers Front Fender Anti-Rattling Iron Pads	1 4 4 4 2
	FRAME	
	165" WHEEL BASE (Illustrated on Page 36)	
10x301 10520 10521 10522 10523 10524 10525 10526 10529 10530 10531 10532 8484 10528 1840	Frame Assembly Frame Side Member—R. H. Frame Side Member—L. H. Frame Front Cross Member Frame Center Cross Member Frame Rear Cross Member Frame Front and Rear Cross Member Gusset Plate Frame Front Spring Horn—R. H. Frame Front Spring Horn—R. H. Frame Front Spring Horn—L. H. Frame Front Spring Horn Rivets—Long Frame Front Spring Horn Rivets—Short Frame Cross Member Bolts—Long Frame Cross Member Bolt—Short	1 1 1 1 8 2 1 1 2 2 4 4 4 4
10534 10535	Frame Side Member—R. H. Frame Side Member—L. H. All other parts are the same as listed under 10x301 Frame Assembly for 165" Wheel Base	1
	BUMPER	
10621 10623 10622 10151 1840 10624 10151 4196 1840	Bumper Bar Only Bumper Bar Bracket—R. H. Bumper Bar Bracket—L. H. Bumper Bar to Bracket Screws Bumper Bar to Frame Screw Nuts Bumper Bar to Frame Screw Lock Washers	1 1 4 4 4 2 6
	STEERING GEAR	
10x303 10536 4647 10x304 10x305 10x306 10x306 10x307 10541 10542 4555 10x308 10x309 6501 10x309 6501 10x309 6501 10x309	Steering Gear Assembly Comprising Parts A to B "A" Steering Wheel Key Steering Wheel Key Steering Gear Column Outer Tube and Upper Nut Assembly Steering Gear Column Outer Tube Upper Adjusting Nut Steering Gear Column Outer Tube Bushing Steering Gear Column Inner Tube Bushing Steering Gear Column Inner Tube and Screw Assembly with Thrust Bearings (L. H. Thread 1 1-4" Lead Steering Column Inner Tube and Screw L. H. Thread. Steering Gear Housing Steering Gear Housing End Plate Steering Gear Housing End Plate Screws Steering Gear Housing End Plate Gasket Steering Gear Housing End Plate Gasket Steering Gear Housing Upper Adjusting Nut Clamp Bolt Steering Gear Housing Upper Adjusting Nut Clamp Bolt Nut Steering Gear Housing Upper Adjusting Nut Clamp Bolt Lock Washer Steering Column Inner Tube and Screw Thrust Bearing Ball Races Steering Column Inner Tube and Screw Thrust Bearing Ball Sets Steering Column Inner Tube Baring Spring	111111111111111111111111111111111111111
10x310 10563	Steering Column Thrust Bearing Retaining Spring Steering Column Radial Bushing on Screw	



Catalog Number	Name of Part	Pieces Per Car
10552	Steering Gear Trunnion Shaft Steering Gear Trunnion Shaft Sliding Sleeve Swiveling Segment	1
10553	Steering Gear Trunnion Shaft Sliding Sleeve Swiveling Segment	1
10556. 4572	Steering Cear Trunnion Shaft Nut	1
1180	Steering Gear Trunnion Shaft Nut Cotter	1
10554	Steering Arm	1
10560	Steering Arm Ball	1
4572 1180	Steering Arm Ball Nut Cotter	1
10x312	Steering Gear Trunnion Shaft Housing, Long, Assembled with Bushing	1
10x313	Steering Coar Trunnion Shatt Housing Long	
10561	Steering Gear Trunnion Shaft Housing Bushing, Long Steering Gear Trunnion Shaft Housing, Short, Assembled with Bushing	1
10×314 10543	Steering Gear Trunnion Shaft Housing—Short, Assembled with Bushing	1
10562	Steering Gear Trunnion Shaft Housing—Short Bushing	1
10544	Steering Gear Short Trunnion Shaft Housing Cap	1
4584	Steering Gear Trunnion Shaft Housing Screws	4
$\frac{1056}{10557}$	Trunnion Shaft Housing Tee Bolt	1
4196	Trunnion Shaft Housing Tee Bolt Nut	1
1840	Trunnion Shaft Housing Tee Bolt Lock Washer	1
4583	Trunnion Shaft Housing Tee Bolt	1
5249 1056	Trunnion Shaft Housing Tee Bolt Nut Trunnion Shaft Housing Tee Bolt Lock Washer	1
10×315	Wheel Nut and Oiler Assembly	î
4589	Wheel Nut Oil Plug	1
4590	Wheel Nut Oil Plug Spring	
4592 5040	Wheel Nut Oil Plug Washer Wheel Nut Oil Plug Cotter	1
4588	Steering Gear Column Upper Adjusting Nut Oiler	1
10x316	Throttle Lever Sector Assembly Complete with Bolts	1
10x317	Throttle Lever Sector	1
5421 4196	Throttle Lever Sector Clamp Bolts Throttle Lever Sector Bolt Nuts	1
1840	Throttle Lever Sector Clamp Bolt Lock Washers	1
10x318	Throttle Lever Sector Rim and Stop	:
7x313	Throttle Lever Sector Rim Stop Screw	1
12264 1026	Throttle Lever Sector Rim Stop Screw Nut Throttle Lever Sector Rim Stop Screw Lock Washer	1
12263	Throttle Lever Sector Rim Bolt	2
12264	Throttle Lever Sector Rim Bolt Nut	2
1026 $10x319$	Throttle Lever Sector Rim Bolt Lock Washer	2
5421	Throttle Lower Control Supporting Bracket Throttle Lower Control Supporting Bracket Clamp Bolt	1
4196	Throttle Lower Control Supporting Bracket Rolt Nuts	1
1840	Throttle Lower Control Supporting Bracket Lock Washer. Upper Spark Lever and Clamping Bolt Assembly.	1
12266 12267	Upper Spark Lever and Clamping Bolt Assembly	ī
12267	Upper Spark Lever Only Upper Spark Lever Clamp Bolt	1
12264	Upper Spark Lever Clamp Bolt Nut	1
12270	Upper Spark Lever Friction Plate	1
12271 10×320	Upper Spark Lever Friction Plate Spring	1
12273	Spark Control Tube	
10x321	Lower Spark Lever	1
10x322	Lower Spark Lever Clamp Screw	1
10x323 1015	Upper Throttle Lever Upper Throttle Lever Taper Pin	1
12277	Upper Throttle Lever Epistica Plate	1
12271	Upper Throttle Lever Friction Plate Upper Throttle Lever Friction Plate Spring	1
10x324	Throttle Control Rod	1
10x325	Lower Throttle Lever	1
10x326	"B" Lower Throttle Lever Clamp Screw	1
	STEERING GEAR ATTACHING PARTS	
10569		
7677	Steering Gear Frame Bracket Steering Gear Frame Bracket Screws	4
4196	Steering Gear Frame Bracket Screw Nuts	4
1840	Steering Gear Frame Bracket Screw Lock Washers	4
10967	Steering Gear Frame Clamp Screw	1

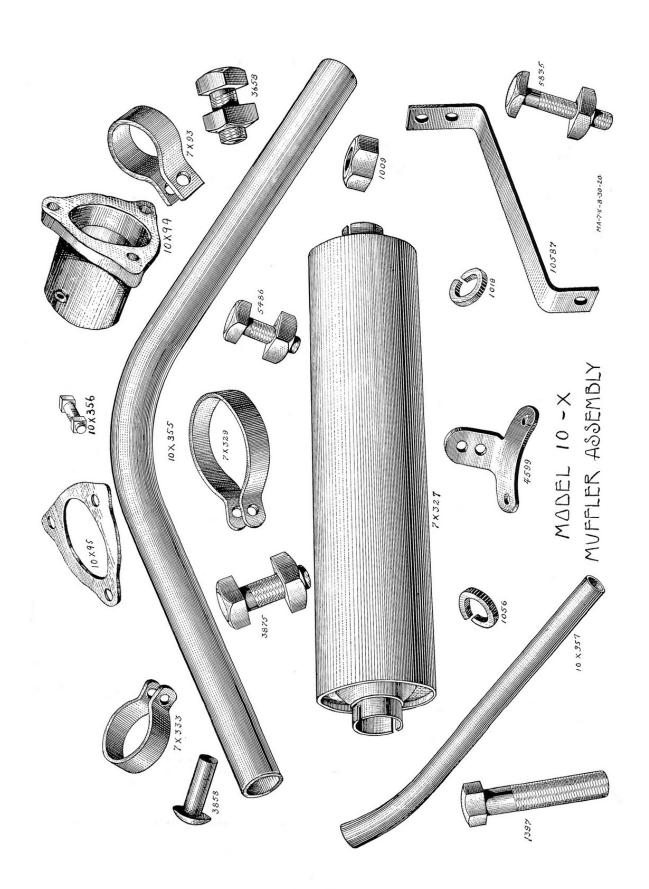


Catalog Number	Name of Part	Pieces Per Car
4196 1840 10x327 10x328 10x329 10x330 1056 10572 10x331 3036 1019 100023	Steering Gear Frame Bracket Clamp Screw Nut Steering Gear Frame Bracket Clamp Screw Lock Washer Steering Column Flange Assembly Steering Column Flange—Front Steering Column Flange—Rear Steering Column Flange Clamp Bolt Steering Column Flange Clamp Bolt Lock Washer Steering Column Flange to Floor Bolts—Long Steering Column Flange to Floor Bolts—Short Steering Column Flange to Floor Bolt Plain Washer Steering Column Flange to Floor Bolt Lock Washer Steering Column Flange to Floor Bolt Lock Washer Steering Column Flange to Floor Bolt Lock Washer Steering Gear Housing Grease Cup	1 1 1 1 2 2 5 2 3
	DRAG LINK (Illustrated on Page 42)	
10590 10591 10592 10593 10594 10595 10596 10594 10597 10598 10599 10600 10601	Drag Link Assembly Complete Comprising Parts A. to B. "A" Drag Link Tube with Integral Rear Socket. Drag Link Front Socket Adjusting Drag Link Front Socket Plug Drag Link Front Socket Plug Cotter Drag Link Front Socket Ball Seats. Drag Link Front Socket Ball Seat Springs Drag Link Front Socket Ball Seat Cotter Drag Link Front Socket Jam Nut Drag Link Rear Socket Plug Drag Link Rear Socket Plug Drag Link Rear Socket Ball Seat "P" Drag Link Rear Socket Ball Seat "P" Drag Link Rear Socket Ball Seat	1 2 1 1 2 2 2 1 1 1 1
10594 10602 10603	Drag Link Rear Socket Ball Seat Cotter Drag Link Front Boot Drag Link Rear Boot	1
10x332	HOOD Hood Assembly Comprising Parts A to H	1
10x333 10x334 10x335 10x335 10577 10582 5473 10583 10579 10x336 3336 1720 10x338 10x339 10x340 3513 5249 5841 3514 10x342 10x343 3513 5249 5841 3514 10x344 10x344 10x344 10x344 10x344 10x344 10x344 10x344 10x344 10x344 10x344 10x344 10x346 4322 10584 1996 1026	"A" Hood Top Section Hood Side Panel—R. H. Hood Padding Hood Fastener Bearing Brackets Hood Fastener Bearing Bracket Rivets Hood Fastener Clips Hood Fastener Assembly Comprising Parts B to C "B" Hood Fastener Stud Hood Fastener Stud Hood Fastener Stud Hood Fastener Stud-Washer "C" Hood Fastener Stud-Washer "C" Hood Fastener Stud-Cotter Hood Tie Rod Assembly Front Comprising Parts D to E "D" Hood Tie Rod—Front—R. H. Thread Hood Tie Rod—Front—L. H. Thread Hood Tie Rod Turnbuckle Nut—R. H. Thread Hood Tie Rod Turnbuckle Nut—L. H. Thread Hood Tie Rod Turnbuckle Nut—L. H. Thread Hood Tie Rod Sasembly—Rear—Comprising Parts F to G "F" Hood Tie Rod Assembly—Rear—Comprising Parts F to G "F" Hood Tie Rod Turnbuckle Nut—L. H. Thread	1 1 1 4 4 4 4 4 4 4 4 4 4 4 1 1 1 1 1 1
	43	



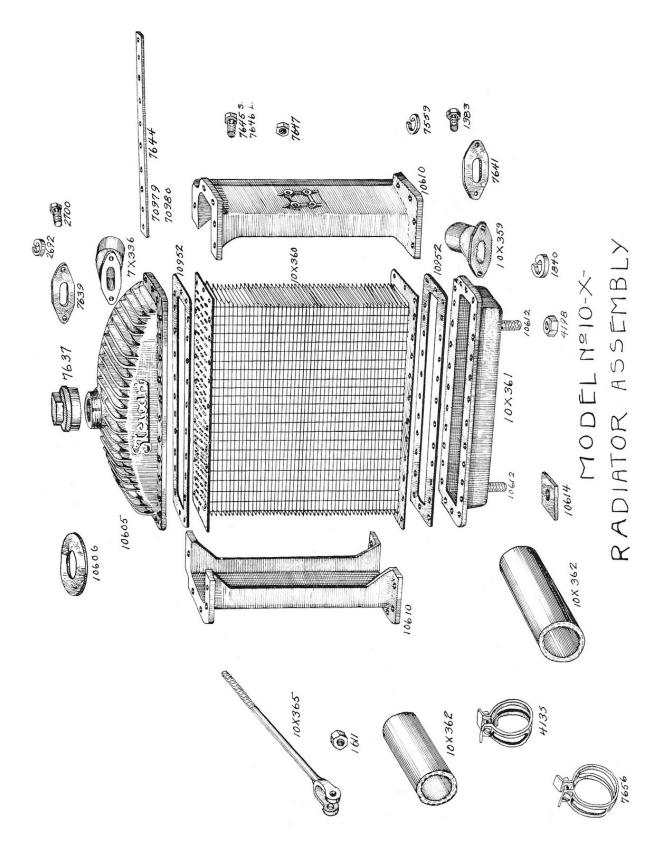
IGNITION ASSEMBLY (MAGNETO)

Catalog Number	Name of Part	Pieces Per C
10x347	Magneto	1
80411	Magneto Platinum Contact Screw for Breaker	1
80412	Magneto Platinum Contact Screw Lock Nut Magneto Split Washer for Driving Shaft	1
80413 80414	Magneta Drive Shaft Nut	1
10888	Magneto Drive Shaft Key	1
80416	Magneto Fastening Screws	8
80417	Magneto Timing Lever Stop Screw	2
80418	Magneto Oil Hole Cover, Driving End	2
80419 80407	Magneto Oil Hole Cover Retaining Screw Magneto Oil Hole Cover Breaker End	~ ~
80420	Magnata Oil Hala Cover Springs	2
10895	Magneta Distributor Plate Complete with Brushes	1
10896	Magneto Distributor Plate Carbon with Spring at Collector Plate	1
10897	Distributor Plate with Carbon with Spring at Rotating Disc	1
10x348 10899	Distributor Potating Disc Eastening Screws	1
10999	Distributor Rotating Disc Fastening Screw Washer Split	1
10901	Distributor Plate Washer Split	1
10902	Distributor Plate Nut	1
10903	Safety Spark Cap Screw in Housing Magneto Setting Screw	1
80427 80425	Magneto End Cap Top Connection Screw	1
10906	Breaker Complete with Platinum Contacts and Ground Carbon	1
10907	Breaker, Flat Spring	2
80400	Breaker, Fastening Screw	2
80396	Breaker, Ground Carbon with Spring. Breaker Flat Spring Fastening Screw	. 1
80398 80399	Breaker Flat Spring Fastening Screw	2
80404	Breaker Flat Reinforcing Springs	1
80421	Ground Carbon in Base of Housing Complete	. 1
80432	Cover Plate for Inspection Hole in Housing	. 1
80433	Cover Plate Fastening Screw Distributor Plate Holding Screw with Spring	. 1
80426 80429	End Plate Fastening Screw	. 4
80403	End Can Holding Stud	. 1
80405	End Can Short Circuiting Spring Complete	. 1
80406	End Cap Short Circuiting Spring Fastening Nut	. 1
80409	End Cap Complete with Short Circuiting Brush and Spring. Oil Hole Cover Expanding Rivet.	. 1
80408 80579	Contact Point File	. 1
80401	Contact and Spark Plug Gauge	. 1
7x321	Timing Lever Complete with Flat Cams (Variable Timing)	. 1
10x349	Armature Complete	. 1
	MAGNETO ATTACHING PARTS	
10x350	Magneto Spark Plug Cables No. 1 and No. 2 Cylinder	. 2
10x350 10x351	Magnete Spark Plug Cables No. 3 and No. 4 Cylinder	. /
80438	Magneto Spark Plugs	. 4
10931	Magneto Dash Switch	.]
1890	Magneto Dash Switch Bolts Magneto Dash Switch Bolt Locker Washer	. 4
1274 5481	Magneto Dash Switch Cable Terminals	
5482	Magneto Dash Switch Cable Clips	. 2
1273	Magneto Dash Switch Cable Clip Bolts	. 2
1274	Magneto Dash Switch Cable Clip Bolt Lock Washers	. 2
10x352	Magneto Cable Switch to Magneto	• :
10x353 10x354	Magneto Coupling	
5573	Magneto to Engine Screws	. 4
1056	Magneto to Engine Lock Washers	. 2
1000	LIGHTING AND IGNITION	
	Used on Chassis No. 10001X to 10081X. For Higher Chassis see Page 51	
10x509	Ignition Magneto Generator	
101000	When ordering parts use symbol number at right in connection with catalogue num bers as index.	
10909	Ground Carbon for Breaker Complete(M)	
10910 10884	Fastening Screw for each end of X(R) Platinum Contact Screw for Breaker(U)	
10885	Lock Nut for "U"	

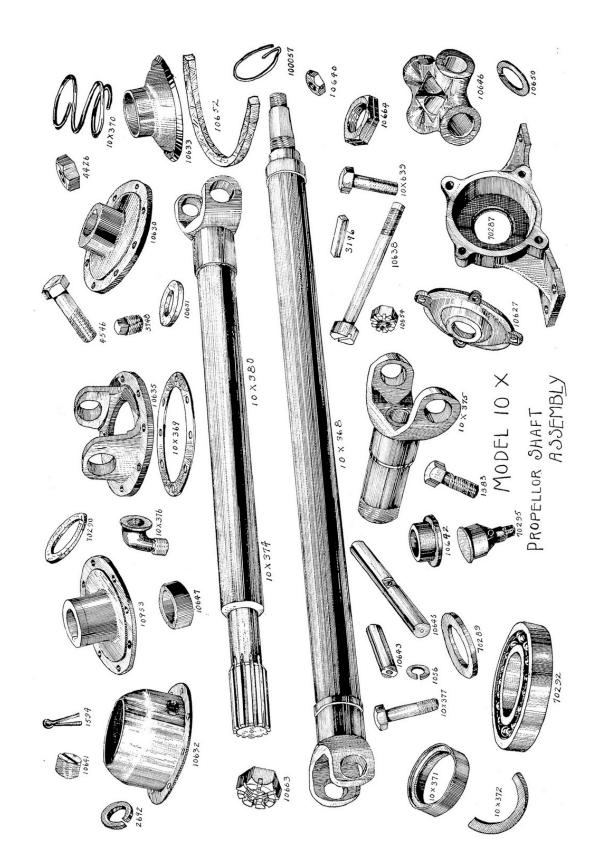


Pieces Per Car

Catalog Number	Name of Part	
10907	Long Flat Spring for Breaker(X	.)
11182	Fastening Screw for Complete Breaker(2) Split Washer for Driving Shaft(2)	X)
10886 10887	Hexagon Nut for Driving Shaft	Y)
1645	Woodruff Key for Driving Shaft	-Z)
10924	Wrench for Contacts, with Spark Plug Gauges	E)
10890 10892	Timing Lever Stop Screw Breaker End. (4. Retaining Screw for 29D and 29E. (1.	OT)
10892	Spring for 29D and 29E	UK)
10906	Breaker Complete (Clockwise only)	1-Z)
10911	Reinforcing Spring for each end of X	3H)
11173 11174	Carbon Brush with Spring for 28N and 28S(1	6G
10900	Split Washer for 231(1)	(N)
10904	Safety Spark Cap Screw (in base at shaft end)(1	7F)
10905 11175	Connection Screw in End Cap	7-T)
11176	Ground Carbon with Spring (in Housing at Breaker End). (1	9T)
10914	Cover Plate for Inspection Hole in Base	(3-1)
10915	Fastening Screw for 23-I	3J)
10923 10912	Breaker Rocker Arm (Complete Clockwise Only)(2	3Y)
10919	Short Circuiting Spring for End Cap Complete(2	4A)
11425	Eisemann Magneto Generator Cutout Assembly	
11428 11429	Idler Gear with Hub and Two Complete Ball Bearings Generator Unit Pinion	
11431	Magneto Unit Pinion	
10920	Round Nut for Fastening 24A(2	4-B)
10918	End Cap Holding Stud, with Spring	(4C)
10921 11177	End Cap Complete for Breaker	24-I)
11178	Timing Lever Complete. (Variable Timing Only). (2 Fastening Screws for Cams (in 24-I Only)	24V)
11169	Shim for Adjusting 24X(2	24W)
11170 11171	Shim for Adjusting 24X	4 W)
11172	Flat Cam for Timing Lever	26-I)
11133	Fastening Screw for Cam in 26-1 Only(2	26K)
11168 11008	Distributor Block Complete. (2 Distributor Rotating Disc. (2	(U8)
11132	Fastening Screw for 28P	280)
11148	Split Washer for 28Q	
11149	High Tension Brush Holder Complete(2	28S)
11166 11167	Distributor Terminal Complete	28II)
11186	Split Finger for 28T	28V)
11540	Wrench for Tightening 28U	28W)
11541 11542	Emergency Cover for Gear Casing	28X)
11543	rastening Screw for 281	40L)
11544	Insulation Segment Each Side of Distributing Disc(2	29A)
11545 11298	Fastening Screw for 29A	29B)
11298	Oil Cover for Ball Bearing at Breaker End	29-D)
11300	Oil Cover for Ball Bearing at Breaker End on Right Side	
11201	Looking from Shaft End	29E)
11301	Oil Cover for Ball Bearing at Shaft on Left Side Looking	29F)
11302	from Shaft End. (CSpring for 29F. (CSpring for 29F. (CSpring for 29F. (CSpring for 29F))	29G)
11303	Oil Cover for Ball Bearing at Shaft End on Right Side	
11/22	Looking from Shaft End	29H)
11433 11084	Magneto Armature Complete	
11107	Magneto Armature Core and Winding	
11304	Spring for 29H	29-I)
11305 11306	Spring Washer for 29C(29J)
11307	Commutator Cover Complete(29K)
11308	Retaining Spring for 29K Complete	29M)
11309 11310	Cut-out Cover(Fastening Screw for 29N	29N)
11310	Fastening Screw for 29N	290)
11312	Cut-out Adjusting Screw(29R)
11313	Lock Nut for 29R	7951



Catalog Number	Name of Part	Pieces Per Ca
11314	2 Ampere Fuse in Generator Cut-out Box(29T)	
11315 11316	Felt Strip for End Plate Commutator End(29W) Fastening Screw for End Plate(29X)	
11317	Oil Cup for End Plate(29 Y)	
11318 11319	Grease Cup for End Plate (Cut-out End)(29Z) Fastening Screw for End Plate30A)	
11319	Connecting Screw for Generator Terminal and Left Brush	
	(Looking from Shaft End)(30B)	
11321 11322	Washer for 30B	
11323	Terminal Screw for Third Brush(30E)	
11324 11325	Split Washer for 29P, 30E, and 31B	
11326	Third Brush with Terminal Wire(30-1)	
11327 11328	Spring for 30-I	
11329	Spring for Left Brush (Shaft End)(30M)	
11330	Spring for Right Brush (Shaft End)(30N)	
11331 11332	Bolt for Generator Holding Strap(30P) Split Washer for 30P(30Q)	
11333	Generator Holding Strap Complete including 30W, 30U, 30P	
11334	and 30Q	
11335	Cross Bar for 30U(30T)	
11336 11337	Short Generator Holding Strap 30T(30U) Fastening Screw for 30R and 30U30V)	
11338	Long Generator Hold Strap with Cross Bar(30W)	
11339 11340	Switch Key (Specify Numbers Stamped on Key Sockets)(30X) Terminal Screw for Switch(30Y)	
11340	Plain Washer for 30Y(30Z)	
11342	Split Washer for 30Y	
11343 11344	Fastening Screw for Ammeter	
11345	Hexagon Terminal Nut for Ammeter(31D)	
11346 11347	Split Washer for 31D	
11560	Generator Binding Post with Terminal Nut	
	ATTACHING MISCELLANY	
5573	Magneto Generator to Engine Screws	. 4
1056 12528	Magneto Generator to Engine Screw Lock Washers. Magneto Generator Fuse—15 Ampere	
10x513	Spark Plug Cable Assembly, 1 Cylinder 36"	. 1
10x501	Spark Plug Cable Assembly, 1 Cylinder 36" Spark Plug Cable Assembly, 2 Cylinder 33" Spark Plug Cable Assembly, 3 and 4 Cylinder 30" Spark Plug Cable Eyelets	. 1
7x376 11273	Spark Plug Cable Evelets	. 2
80439	Spark Plings	. +
12289 12520	Switch and Fuse Panels Switch and Fuse Panel Key	. 1
70955	Switch and Fuse Panel Bolts	. 4
1274 12290	Switch and Fuse Panel Bolt Lock Washers Ammeter	4
12291	Ammeter Screws	3
12292	Ammeter Screw Nuts	3
1274 10×502	Fuse to Headlight Cable	. 1
10x503	Fuse to Tail-light Cable	1
10x504 10x505	Ammeter to Battery Cable	1
10x506	Battery to Ground Cable	1
10×507 11273	Switch to Generator Cable. Cable to Generator Eyelets	2
11273	Cable to Ammeter Eyelets	4
11132 11273	Fastening Screw for 28P	. 1
11273	Cable to Switch and Fuse Block Eyelets	3 2
11288	Caple to Cowl Clips ,	2
12530 1273	Cable to CAM Clips	3
1274	Cable to Cowl Clip Bolt Lock Washers Cable to Frame Clips	
11558 1890	Cable to Frame Clip Bolts ,	. 10
1274	Cable to Frame Clip Bolt Lock Washers	10



LIGHTING AND IGNITION

(Used on Chassis No. 10082X and up.)

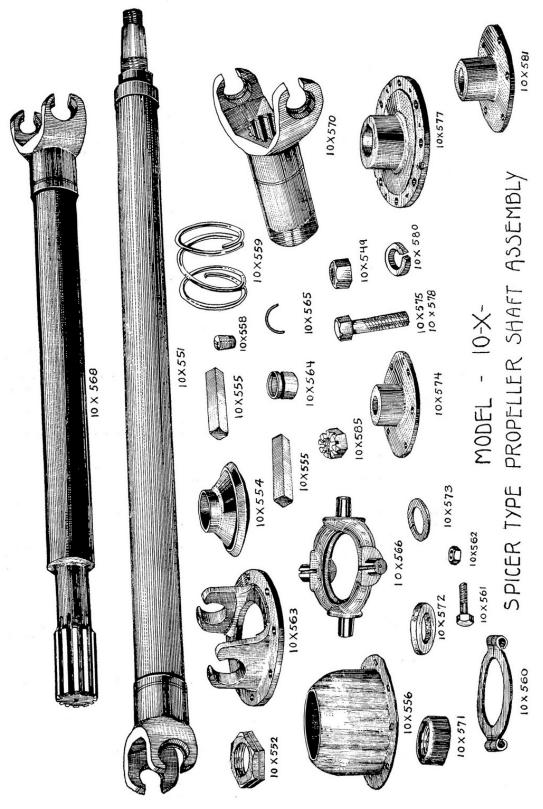
10x347 Magneto (regular equipment)

(For Magneto Parts See Page 45)

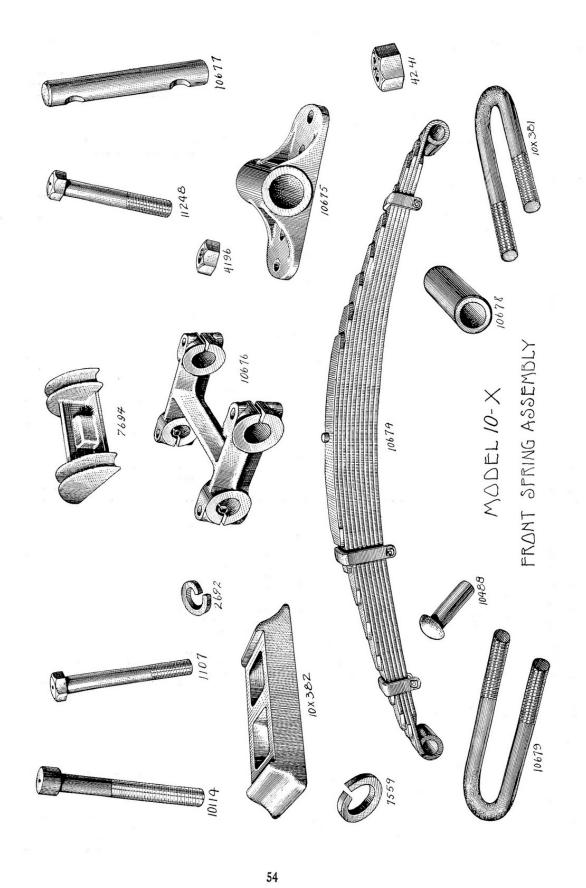
MAGNETO ATTACHING PARTS

Use all material listed under attaching parts on page 45 except 10x352 cable and add the following parts.

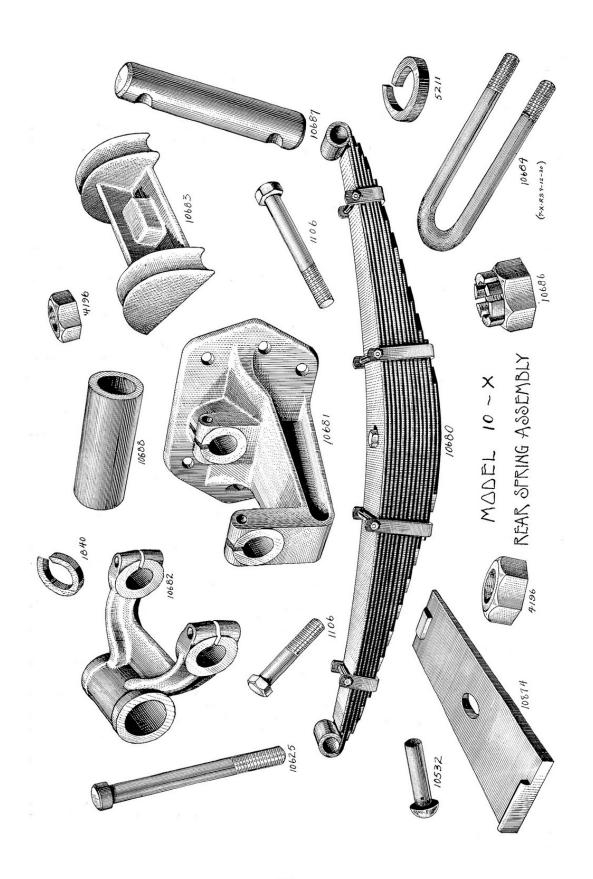
Catalog Number	Name of Part	Pieces Per Ca
14143	Cowl junction block 4 post	2
6690	Cowl Junction Block to Cowl Attaching Screws	$\frac{7}{2}$
6407	Cowl Junction Block to Cowl Nuts	2
1274 10x593	Cowl Junction Block to Cowl Lock Washers	1
10x593 10x594	Magneto to Junction Block Cable Assembly.	1
10x595	Headlight to Junction Block Cable Assembly R. H.	1
10x595	Headlight to Junction Block Cable Assembly, L. H.	1
11288	Taillight to Junction Block Cable Assembly. Cable to Cowl Clips	3
1890	Cable to Cowl Clips Bolts.	3
1274	Cable to Cowl Clips Lock Washers	3
11285	Cable to Frame Clips	3
1890	Cable to Frame Clips Bolts	1
1026	Cable to Frame Clips Lock Washers	î
10x597	Junction Block to Switch Panel Cable Assembly	1
14151	GENERATOR Generator Complete (Pomy 017D)	
14152	Generator Complete (Remy 917D) Frame and Field Assembly	1
14153	Frame Only	
14154	Pole Shoe	2
14156	Lead Bushing	1
14157	Lead Clip	1
14158	Field Coil R. H	1
14159	Field Coil L. H	1
14160	Relay Lead Assembly	1
14161	Relay Lead Clip	1
14162 14163	Armature Assembly Drive End Bearing and Bushing Assembly.	1
14164	Drive End Bushing	1
14165	Drive End Bearing Dowel	1 1
14166	Shim Washer (as Required)	1
14167	Washer	1
14168	Shaft Nut	1
14169	Woodruff Key	1
14160	Shaft Gear Washer	
1471	Oilwick	1
14172	Commutator End Bearing and Brush Assembly	1
14173 14174	Commutator End Bearing and Bushing Assembly. Commutator End Bearing Bushing	1
14175	Commutator End Bearing Bushing Dowel.	1 1
14176	Brush	3
14177	Brush Screw	6
14178	Brush Screw Lock Washer	6
14179	Brush Screw Washer	6
14180	Brush Holder	3
14181	Brush Spring (3rd and Ground Brushes)	2
14182	Brush Spring (Ins. Main Brush)	1
14183	Third Brush Plate Assembly	
14184	Third Brush Ground Lead	
14185	Spring Washer	1
14186 14187	Spring Plate Pin	1
14188	Brush Clip Screw	1
14189	Brush Clip Screw Lock Washer	
14190	Brush Plate Clamp	1
14191	Brush Plate Clamp Screw	1
14192	Brush Plate Clamp Screw Lock Washer	1
14193	Ground Screw	1



Catalog		Pieces
Number	Name of Part	Per Car
14194	Ground Screw Lock Washer	1
14195	Thermostat Assembly	1
14196	Thermostat Resistance Assembly	1
14197 14198	Thermostat Resistance Screw	1 1
14198	Commutator Band Assembly	1
14200	Oiler	i
14201	Oil Well	1
	GENERATOR ATTACHING MISCELLANY	
10x590	Generator to Junction Block Cable Assem.	1
10x591	Generator to Motor Attaching Bolts	4
10x592	Generator Gears for Buda Motor	1
	CACOLINE WANT	
	GASOLINE TANK	
70509	Gasoline Tank,	1
11392	Gasoline Tank Filler Cap	î
9007	Gasoline Tank Filler Cap Gasket	1
9187	Gasoline Tank Support Brackets	2
9188	Gasoline Tank Support Pads	4
9189 9188	Gasoline Tank Support Pads	4
3336	Gasoline Tank Support Bracket Bolt Washer	4
1056	Gasoline Tank Support Bracket Bolt Washers	2 2 4 4 4 4 4 4 2
9190	Gasoline Tank Hold Down Straps	4
1397 1056	Gasoline Tank Hold Down Strap Bolts	2
7600	Gasoline Tank Shut off Valve	ī
70840	Gasoline Line Assembly Comprising Parts A to B	1
70841	"A" Casoline Line	1
60219 60219	Gasoline Line Shut Off Valve Nut "B" Gasoline Line Carburetor Nut	1
2001	Gasoline Line Clip	1
6128	Gasoline Line Clip Bolt	
1026	Gasoline Line Clip Bolt Washer	1 1 2
1009 70842	Gasoline Tank Hold Down Strap Nut Gasoline Line Elbow	1
70072	Gasonne Line Libow,	1
	MUFFLER AND EXHAUST PIPE	
	(Illustrated on Page 46)	
7x327	Muffler	1
4599	Muffler Support Tabs	2
5486 1019	Muffler Support Tab Bolts	2 4 4 2 4 2 2
10587	Muffler Support Brackets	2
3858	Muffler Support Bracket Rivets	4
3658	Muffler Tab to Bracket Bolts	2
$\frac{1019}{7 \times 329}$	Muffler Tob to Bracket Bolt Lock Washers Muffler Exhaust Pipe Clamp	
5835	Muffler Exhaust Pipe Clamp Bolt	1
7x333	Muffler Tail Pipe Clamp	1
5835	Muffler Tail Pipe Clamp Bolt	
10x355 10x94	Exhaust Pipe	1 1
10x95	Exhaust Pipe Adapter Gasket	1
1397	Exhaust Pipe Adapter Screws	
1009	Exhaust Pipe Adapter Screw Nuts Exhaust Pipe Adapter Screw Lock Washers	3 3 3
1056	Exhaust Pipe Adapter Screw Lock Washers	3
10x356 1009	Exhaust Pipe Adapter Set Screw Exhaust Pipe Adapter Set Screw Lock Nut	1
10x357	Muffler Tail Pipe	
7x334	Muffler Tail Pipe Support Bracket Assembly Comprising 5 following Parts:	
7x93	Muffler Tail Pipe Support Bracket Link	1
1397 1009	Muffler Tail Support Bracket Link Screw	1
1056	Muffler Tail Pipe Support Bracket Link Screw Nut. Muffler Tail Pipe Support Bracket Link Screw Nut Lock Washer	1
10587	Muffler Tail Pipe Support Bracket	1
3875 1056	Muffler Tail Pipe Support Bracket Bolts	1 2 2
2000	aranana - ara - apo pupport - ruckot Dutt Huck Washellerererererererererererererererererer	4



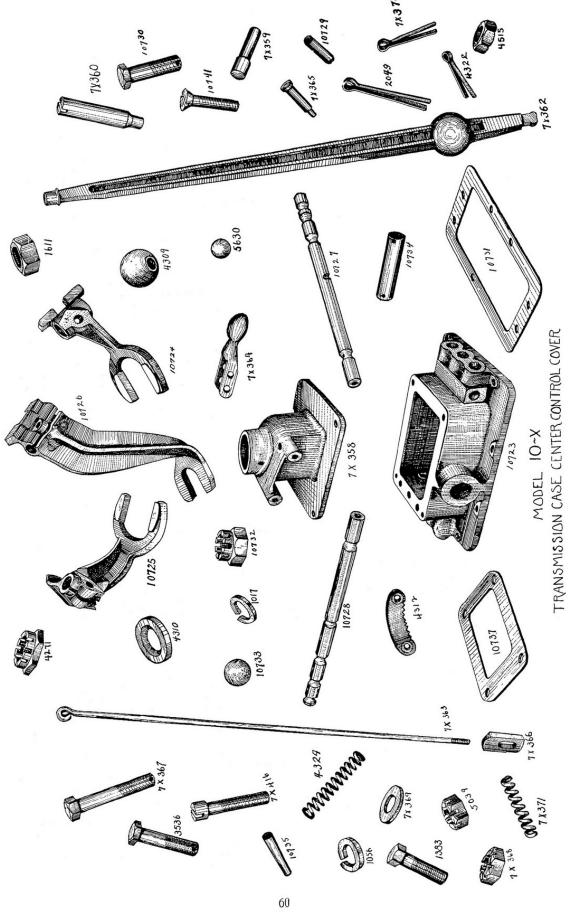
Catalog Number	Name of Part	Pieces Per Car
	RADIATOR	
	(Illustrated on Page 48)	
10x358 10605 7637 10606 7x336 7639 2700 2692 10x359 7641 1383 1056 10x360 10952 7644 70979 70980 10610 11388 10x361 7645 7646 7647 10612 4198 7559 10614 10x362 4135 10x363 7656 10x363 10x364 10x365	Radiator Assembly Comprising Parts A to B "A" Radiator Top Tank Filler Cap Radiator Top Tank Filler Cap Gasket Radiator Inlet Radiator Inlet Radiator Inlet Gasket Radiator Inlet Screws Radiator Inlet Screws Radiator Outlet Screw Lock Washers Radiator Outlet Gasket Radiator Outlet Gasket Radiator Outlet Gasket Radiator Core Casket Radiator Core Caskets Radiator Core Clamping Strips—Front, Upper and Lower Radiator Core Clamping Strips—Rear—Upper Radiator Core Clamping Strips—Rear—Lower Radiator Side Members Radiator Side Members Radiator Side Member Set Screws Radiator Side Member Set Screws Radiator Core to Tank Screws—Long Radiator Core to Tank Screws—Long Radiator Core to Tank Screws—Long Radiator Hold Down Studs Radiator Hold Down Stud Nuts "B" Radiator Hold Down Stud Nuts "B" Radiator Inlet Hose Radiator Inlet Hose Radiator Inlet Hose Clamps Radiator Outlet Hose Radiator Outlet Hose Clamp Radiator Darea Rod Assembly Comprising Parts C to D "C" Radiator Brace Rod	1 1 1 1 1 1 1 2 2 1 1 2 2 1 1 2 2 1 1 2 2 1 2 1 2 1 2 1
1611 1840	Radiator Brace Rod Nuts	2
	DRIVE SHAFT—HARTFORD TYPE	
	(Illustrated on Page 50)	
10x366	165" WHEEL BASE USED ON CHASSIS 10001X to 10075X	1
10x367 10x368 10631 10632 10x369 10633 10652 10635 10645 10643 10642 10638 10654 1056 10646	Drive Shaft (2 Section) with 3 Joints Complete, Comprising Parts A to I. "A" Front Drive Shaft Assembly with One Joint Only Comprising Parts B to E. "B" Front Drive Shaft Joint Assembly Comprising Parts C to D. "C" Drive Shaft Joint Inside Cover Drive Shaft Joint Inside Cover Gasket Drive Shaft Joint Outside Cover Drive Shaft Joint Outside Cover Packing Drive Shaft Joint Flange Yoke Drive Shaft Joint Flange Yoke Drive Shaft Joint Short Pin Drive Shaft Joint Hub and Yoke Bushings Drive Shaft Joint Pin Bolt Nut Drive Shaft Joint Pin Bolt Lock Washer Drive Shaft Joint Block or Bearing Cross	1 1 1 1 1 1 1 2 4 1 1 1
10641 1594 10x370 10x371 10x372 10630 10639 10640 1056 10664 10663 2049 3196	Drive Shaft Joint Inside Cover Oil Hole Plug. Drive Shaft Joint Inside Cover Plug Cotter Drive Shaft Joint Outside Cover Spring. Drive Shaft Joint Outside Cover Spring Cap "D" Drive Shaft Joint Outside Cover Spring Cap "D" Drive Shaft Joint Companion Flange Front Drive Shaft Joint Companion Flange Bolts Front Drive Shaft Joint Companion Flange Bolt Nut. Front Drive Shaft Joint Companion Flange Bolt Lock Washers Front Drive Shaft Bearing Retainer Nut Front Drive Shaft Rear Companion Flange Nut Front Drive Shaft Rear Companion Flange Nut Front Drive Shaft Rear Companion Flange Nut Cotter. "E" Front Drive Shaft Rear Companion Flange Key	1 1 1 2 1 8 8 8 8 1 1



Catalog Number	Name of Part	Pieces Per Car
10x373	Rear Drive Shaft Assembly with Two Joints, Comprising Parts F to I	1
10x374 10659 10632	"F" Rear Drive Shaft Only Rear Drive Shaft Front Joint Assembly Comprising Parts G to H "C" Drive Shaft Loint Inside Casing	1
10x369 10633 10652	Drive Shaft Joint Inside Casing Gasket Drive Shaft Joint Outside Casing Drive Shaft Joint Outside Casing Packing	1
10635 10645 10643	Drive Shaft Joint Flange Yoke . Drive Shaft Joint Long Pin	2
10642 10x375 10638	Drive Shaft Joint Hub and Yoke Bushings. Rear Drive Shaft Front Joint Slip Hub. Drive Shaft Joint Pin Bolt	1 1
10654 1056 10646 10x376	Drive Shaft Joint Pin Bolt Lock Washer Drive Shaft Joint Block or Bearing Cross	1 1 1
3948 10x370 10x371	Drive Shaft Joint Inside Casing Hole Elbow Plug. Drive Shaft Joint Outside Cover Spring Drive Shaft Outside Cover Spring Cap Drive Shaft Joint Outside Cover Spring Cap Drive Shaft Joint Outside Cover Spring Cap Collars	1
10x372 10647 10651	Prive Shaft Joint Outside Cover Spring Cap Collars Rear Drive Shaft Front Joint Dust Cap Rear Drive Shaft Front Joint Dust Cap Felt "H" Rear Drive Shaft Front Joint Dust Cap Felt Retainer	1
10650 10630 10x377 10640	Rear Drive Shaft Front Joint Companion Flange Rear Drive Shaft Front Joint Companion Flange Bolt Shaft Front Joint Companion Flange Bolt Nuts	8 8
1056 10631	Drive Shaft Joint Companion Flange Bolt Lock Washer	1
10953 10639 10640 1056	Rear Drive Shaft Rear Joint Companion Flange. Drive Shaft Joint Companion Flange Bolts Drive Shaft Joint Companion Flange Bolt Nuts "I" Drive Shaft Joint Companion Flange Bolt Lock Washers.	8
	DRIVE SHAFT	
10x378	185" WHEEL BASE Drive Shaft (2 Section) with 3 Joints Complete	1
10x380 10x379	following parts: Rear Drive Shaft Only Rear Drive Shaft Assembly with Two Joints Only	1
	ATTACHING MISCELLANY	
70292 100057 70287	Drive Shaft Center Bearing	1
10627 1383 1056 70289	Drive Shaft Center Bearing Housing Cap Screws Drive Shaft Center Bearing Housing Cap Screw Lock Washers Drive Shaft Center Bearing Housing Dust Washer	4 4
70290 70295 4546 4426 2692	Drive Shaft Center Bearing Housing Cap Dust Washer Drive Shaft Center Bearing Grease Cup Drive Shaft Center Bearing Housing to Cross Member Screws Drive Shaft Center Bearing Housing to Cross Member Screw Nuts Drive Shaft Center Bearing Housing to Cross Member Lock Washers	4
	DRIVE SHAFT (SPICER)	
	165" WHEEL BASE USED ON CHASSIS 10076X AND UP	
	(Illustrated on page 52)	
10x514 10x515 10x551 10x585	Drive Shaft Assembly Complete with 3 Joints comprising parts A to F "A" Front Drive Shaft Assembly with One Joint comprising Parts B to D "B" Front Drive Shaft Only Front Drive Shaft Nut	1
10x552 10x553	Front Drive Shaft Lock Nut Front Drive Shaft Joint Assembly comprising Parts C to D	1



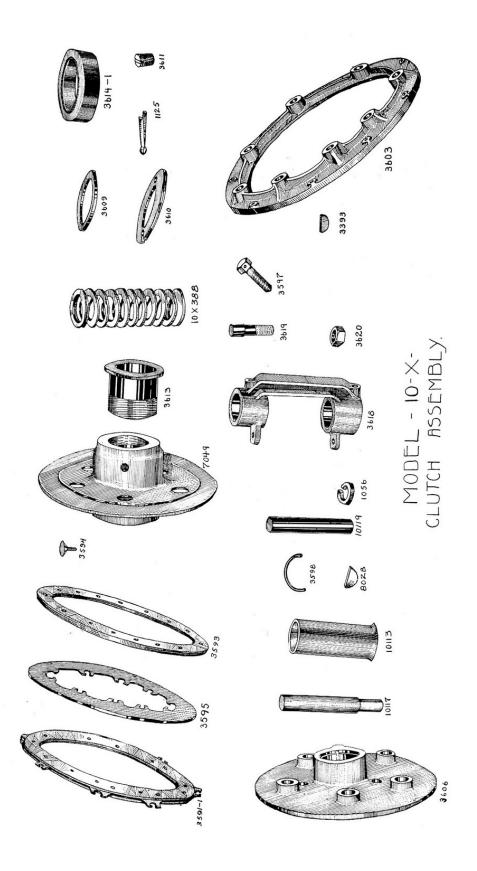
Catalog Number	Name of Part	Pieces Per Car
10x554 10x555 10x556 10x558 10x559 10x560 10x561 10x562 10x563 10x564 10x565 10x566 10x567 10x568 10x570 10x571 10x572 10x573 10x575 10x576 10x576 10x576 10x577 10x577 10x577 10x578 10x578 10x578 10x578 10x579 10x580 10x581	"C" Drive Shaft Front Joint Outside Casing or Shutter. Drive Shaft Front Joint Outside Casing Packing Drive Shaft Front Joint Inside Casing Packing Drive Shaft Front Joint Inside Casing Vent Plug Drive Shaft Front Joint Casing Springs Drive Shaft Front Joint Casing Spring Retainers Drive Shaft Front Joint Casing Spring Retainer Bolts Drive Shaft Front Joint Casing Spring Retainer Bolt Nuts. Drive Shaft Front Joint Flanged Yoke Drive Shaft Front Joint Flanged Yoke Bushing. Drive Shaft Front Joint Flanged Yoke Bushing Retainer or Lock Wire "D" Drive Shaft Front Joint Flanged Yoke Journal or Spider Rear Drive Shaft Assembly with 2 Joints comprising Parts E to F "E" Bear Drive Shaft Front Joint Assembly with Slip Hub Comprising all Parts listed under 10x515 Front Joint Assembly and also the next four Parts Rear Drive Shaft Front Joint Sleeve Yoke or Slip Hub Rear Drive Shaft Front Joint Dust Cap Rear Drive Shaft Front Joint Dust Cap Rear Drive Shaft Front Joint Dust Cap Felt Washer Rear Drive Shaft Front Joint Dust Cap Steel Washer Rear Drive Shaft Front Joint Dust Cap Steel Washer Rear Drive Shaft Front Joint Companion Flange (Transmissionend) Drive Shaft Front Joint Companion Flange Bolts Drive Shaft Rear Joint Companion Flange Bolt Nuts Drive Shaft Rear Joint Companion Flange Bolt Lock Washers Drive Shaft Rear Joint Companion Flange Bolt Lock Washers Drive Shaft Rear Joint Companion Flange Bolt Lock Washers Drive Shaft Center Joint Companion Flange Bolt Lock Washers Drive Shaft Center Joint Companion Flange Bolt Lock Washers	1 2 2 2 1 4 4 1
	DRIVE SHAFT (SPICER)	•
	FOR 185" WHEELBASE	
10x582 10x583 10x584	Drive Shaft Assembly 2 Sections with 3 Joints complete for 185" Wheelbase Chassis All parts are same as listed under 10x514 drive shaft for 165" Wheelbase with the exception of the following parts: Rear Drive Shaft Assembly with 2 Joints Rear Drive Shaft Only	1
	DRIVE SHAFT (SPICER) FOR HOIST	
10x530 10x531	Drive Shaft Assembly 2 Sections with 3 Joints complete for Hoist Installation Front Drive Shaft Only for Hoist	1
	FRONT SPRING (Illustrated on Page 54)	
10674 1107 4196 2692 10675 10488 11248 11248 10676 4196 2692 10677 10678 7694 10679 4241 7559 10114 0x381 0x382	Front Spring Bracket Clamp Screws Front Spring Bracket Clamp Screw Nut Front Spring Bracket Clamp Screw Lock Washers Front Spring Rear Brackets Front Spring Rear Bracket Rivets Front Spring Shackle Clamp Screws Front Spring Shackle Clamp Screws Front Spring Shackle Clamp Screw Nuts Front Spring Shackle Clamp Screw Lock Washer Front Spring Shackle Clamp Screw Lock Washer Front Spring Pins Front Spring Bushings Front Spring Clip Spacers Front Spring Clip Nuts Front Spring Clip Nuts Front Spring Clip Lock Washers Front Spring Clip Lock Washers Front Spring Clip Lock Washers Front Spring Clips—for use with Pneumatic Equipment Front Spring Axle Pads—for use with Pneumatic Equipment	2 4 4 4 2 8 8 2 8 8 6 6 6 2 4 8 2 4 2



REAR SPRINGS

(Illustrated on Page 56)

Catalog Number	Name of Part	Pieces Per Car
10680 10681 10532 1106 4196 1840 10682 1106 4196 1840 10683 10684 10686 5211 10685 10687 10688 10874 10625-1 10x383	Rear Spring Brackets Rear Spring Bracket Rivets Rear Spring Bracket Clamp Screws Rear Spring Bracket Clamp Screw Nuts Rear Spring Bracket Clamp Screw Lock Washers Rear Spring Bracket Clamp Screw Lock Washers Rear Spring Shackle Clamp Screw Lock Washers Rear Spring Shackle Clamp Screw Nuts Rear Spring Shackle Clamp Screw Nuts Rear Spring Shackle Clamp Screw Lock Washers Rear Spring Clip Spacers Rear Spring Clip Spacers Rear Spring Clip Spacers Rear Spring Clip Lock Washers Rear Spring Pins Rear Spring Pins Rear Spring Bushings Rear Spring Rebound Plate Rear Spring Center Bolt Rear Spring Center Bolt Rear Spring Axle Pads—for use on 185" Wheel Chassis	4 32 8 8 8 8 2 4 4 4 2 4 8 8 8 2 6 6 6 2 2
	TRANSMISSION	
	(Illustrated on Page 58)	
10x384 7x349 10692 4257 10121 2085 3856 7x350 7x351 1383 1056 10694 4263 4264	Transmission and Clutch Assembly including Controls comprising Parts A to L "A" Transmission Gear Case Transmission Name and Number Flate Transmission Name and Number Plate Rivets Clutch Housing Studs Clutch Housing Stud Nuts Clutch Housing Stud Washer (Lock) Cover Plate for Power Take Off Cover Plate Gasket Cover Plate Screws Cover Plate Screws Transmission Case Dowel Pin Transmission Case Oil Drain Plug Transmission Case Oil Drain Plug Gasket	125555116622
	MAIN DRIVE GEAR AND SHAFT	
10695 4268 10697 10698 4271 2049 10699 10701 4276 4277 4278 4281 4279 10703 10704 6704-1 10753 10705 3537 1056 10706 3196 1367	Main Shaft Drive Gear, 17 Teeth and Clutch Shaft Integral. Main Shaft Front Annular Ball Bearing (Inside Drive Gear). Clutch Shaft Rear Annular Ball Bearing Main Shaft—Splined Main Shaft Nut Main Shaft Nut Main Shaft Ist and 2nd Speed Gear Main Shaft High and 3rd Speed Gear Main Shaft Bearing Cover Assembly Comprising next 2 parts Main Shaft Bearing Cover Gasket Main Shaft Bearing Cover Washer Retainer Main Shaft Bearing Cover Washer Retainer Main Drive Gear Oil Retainer Washer Main Shaft Bearing Retainer Nut Main Shaft Ball Bearing Spacer Main Shaft Front Bearing Retainer Bolts Main Shaft Rear Bearing Retainer Bolts Main Shaft Bearing Retainer Washer Main Shaft Bearing Retainer Washer Main Shaft Bearing Retainer Washer Main Shaft Bearing Retainer Wusher Main Shaft Bearing Retainer Nut Main Shaft Bearing Retainer Nut Main Shaft Bearing Retainer Washer (Lock) Main Shaft Bearing Retainer Nut Snap Ring. Main Shaft Key Main Drive Gear Clutch Pilot Bearing (in Flywheel)	1 2 1 1 1 1 2 2 2 2 2 2 1 1 3 3



Catalog Number	Name of Part	Pieces Per Car
	COUNTERSHAFT AND GEARS	
10707 10708 10709 10710 10700 10711 10712 4298 10713 10714 1383 1056 10715 4299 1383 1056 4300 10756 3268 10717 10719 10693 10720	Countershaft Drive Gear, 37T Countershaft 2nd Speed Gear, 19T Countershaft 1st Speed Gear 14T Countershaft 3rd Speed Gear, 26T Countershaft 2nd and 3rd Speed Gear Spacer Countershaft Drive Gear and 3rd Speed Gear Spacer Countershaft Drive Gear and 3rd Speed Gear Spacer Countershaft Rear Bearing Cover Countershaft Rear Bearing Washer Countershaft Rear Bearing Washer Retainer Countershaft Rear Bearing Washer Retainer Countershaft Rear Bearing Washer Retainer Screws Countershaft Rear Bearing Washer Retainer Screws Countershaft Front Bearing Cover Countershaft Front Bearing Cover Countershaft Bearing Cover Screw Countershaft Bearing Cover Screw Countershaft Bearing Cover Gasket Countershaft Rear Bearing Spacer Countershaft Rear Bearing Spacer Countershaft Annular Ball Bearing Reverse Idler Gear with Bushing Reverse Idler Gear Bushing Reverse Idler Gear Shaft Lock	1 1 1 2 2 1 1 1 3 3 1 1 2 1 1 1 1 1 1 1
	GEAR SHIFT MECHANISM	
	(Illustrated on Page 60)	
7x356 10723 4324 5630 3536 10732 10724 10725 10726 10727 10728 10729 10733 10730 5039 4322 10734 10735 4271 2049 10731 1383 1056 7x357 7x358 7x359 4515 1019 4312 10737	Hand Control Set Complete including Brake and Gear Shift Control Lever, Gear Shifter, Forks, Arms, etc. (See Hand Brake Control for Hand Brake Lever Parts.) Comprising parts "A to G" "A" Center Control Cover Assembly Comprising Parts B to C "B" Center Control Shifting Bar Housing Center Control Shifting Yoke Spring Center Control Shifting Yoke Spring Ball Center Control Shifting Yoke Bolt Center Control Shifting Yoke Bolt Nut Center Control Shifting Fork (3rd and 4th Speed) Center Control Shifting Fork (2nd and 1st Speed) Center Control Shifting Bar (3rd and 4th Speed) Center Control Shifting Bar (3rd and 4th Speed) Center Control Shifting Bar (1st, 2nd and Reverse) Center Control Shifting Bar (1st, 2nd and Reverse) Center Control Interlocking Cross Pin Center Control Interlocking Ball Center Control Shifter Fork Bolt Cotter Hand Brake Shaft Hand Brake Shaft Ut "C" Hand Brake Shaft Cotter Center Control Cover Gasket Center Control Cover Gasket Center Control Cover Screw Washer Center Control Gear Shifter Lever Housing Center Control Pivot Pin Center Control Pivot Pin Center Control Brake Sector	1 1 1 3 3 3 3 1 1 1 1 1 2 1 2 1 1 1 1 1
7x360 1611 7x416 1019 10741 1383 1056 7x361	Center Control Reverse Stop Adjusting Screw . Center Control Reverse Stop Adjusting Screw Nut Center Control Hand Brake Sector Screw Center Control Hand Brake Sector Screw Washers. Center Control Hand Brake Sector Screw . Center Control Gear Shifter Lever Housing Screw Center Control Gear Shifter Lever Housing Screw Washer Center Control Gear Shifter Lever Housing Screw Washer Gear Shifter Lever Assembly Comprising parts E to F	1 1 1 4 4

Catalog Number	Name of Part	Pieces Per Car
7x362-E 4309 4310 7x363	Gear Shifter Lever Only Gear Shifter Lever Rubber Grip Center Control Threaded Ball Socket Reverse Latch Rod	1
7x364 7x365 7x366	Reverse Spoon Latch	$\begin{array}{c} 1 \\ 2 \\ 1 \end{array}$
7x367 7x368 7x369 7x370	Reverse Stop Latch Bolt	$\frac{1}{2}$
	CLUTCH PARTS AND ASSEMBLIES	
10 107	(Illustrated on Page 62)	
10x385 3595	Clutch Assembly Comprising Parts A to H	7
3591-1 3592	"A" Clutch Inner Disc Clutch Outer Disc and Facing Assembly Comprising Parts B to C. "B" Clutch Outer Disc.	8
3593-1 3594	Clutch Disc Facing Rivets (Furnished in Lot of 1 doz. 0 1001)	16 96
10113	Clutch Shaft Flanged Sleeve	1
10118 3606	Clutch Driving Flange Assembly Comprising Parts D to E. "D" Clutch Driving Flange.	1 1
10119	"F" Clutch Driving Flange Studs	6
1617 3598	Clutch Driving Flange Key (shown on drawing as 8028)	1 1
7048	Clutch Driving Flange Locking Ring	1
7049 3609	"F" Clutch Pressure Plate	1
3610 1125	Clutch Spring Adjusting Plate	1
3613	Clutch Pressure Plate Collar	1
3614 10x388	Clutch Throwout Bearing	1
1125	Clutch Spring Adjusting Plate Cotter	1
3611	"G" Clutch Pressure Plate Set Screw	2
10695 10697	Clutch Shaft and Main Drive Gear 17 Teeth	1
4277	Main Shaft Bearing Cover	1
4278 4281	Main Shaft Bearing Cover Gasket	1 1
4279	"H" Main Shaft Oil Retainer	1
7×373 7×374	Clutch Housing . Clutch and Brake Pedal Shaft.	1
3600	Clutch Short Shaft	1
4258 7139	Clutch Pedal Shaft Grease Cup	2
7140	Clutch Housing Hand Hole Cover Gasket	1
3627 1019	Clutch Housing Hand Hole Cover Screws Clutch Housing Hand Hole Cover Washers	4
3617	Clutch Throwout Yoke Assembly Comprising Parts I to J	1
3618 3619	"I" Clutch Throwout Yoke	2
3597	Clutch Throwout Yoke Screws	1
3620 3622	Clutch Throwout Nuts	2 2
3393 10116	Clutch Throwout Yoke Key	1
3603	Clutch Flywheel Driving Ring Assembly Comprising Parts K and L. "K" Clutch Flywheel Driving Ring.	1
10117	"L" Clutch Flywheel Driving Ring Stud	8
7x381 7x382	Clutch Bearing Oil Cup	1
7x414	Clutch Bearing Flexible Oil Tube Retaining Clip	î
	ATTACHING PARTS	
1391	Transmission to Engine Screws	12
1056 70881	Transmission to Engine Screw Lock Washers Transmission Clutch Drum to Flywheel Screws.	12
1056	Transmission Clutch Drum to Flywheel Screw Lock Washer	8
1367	Transmission Clutch Pilot Bearing (In Flywheel)	1

FRONT WHEEL FOR SOLID PRESSED ON TYPE TIRES

Catalog Number	Name of Part	Pieces Per Ca
100013 100014 70299 70300 4349 1611 1840 70305 70306 70307 70852 70309 70308 70853 70325 70304 70312 70303 70310 7736 1019	Front Wheel Assembly, 36x5, Comprising Parts A, B to C "A" Front Wheel Only, 36x5. Front Wheel Hub with Bearing Races Nos. 70305 and 70306. "B" Front Wheel Hubs Only. Front Wheel Hub Flange Bolts Front Wheel Hub Flange Bolt Nuts Front Wheel Hub Flange Bolt Lock Washers Front Wheel Inner Bearing Outer Race "C" Front Wheel Outer Bearing Outer Race Front Wheel Inner Bearing Roller Assembly Front Wheel Inner Bearing Inner Race Front Wheel Inner Bearing Roller Assembly Front Wheel Outer Bearing Roller Assembly Front Wheel Outer Bearing Roller Assembly Front Wheel Outer Bearing Inner Race Front Wheel Outer Bearing Assembly Front Wheel Hub Felt Dust Washers Front Wheel Hub Felt Retainer Washer—Thick Front Wheel Hub Felt Retainer Washer—Thin Front Wheel Hub Cap Screws Front Wheel Hub Cap Screws	2 2 2 14 14 14 2 2 2 2 2 2 2 2 2 2 2 2 2
	FRONT WHEEL FOR PNEUMATIC TIRES	
70760 70880	Front Wheel Assembly, 36x6, Comprising Parts as follows: Front Wheel Only, 36x6 This wheel does not require a separate Hub, Flange, Bolts, Nuts and Washers as the Wheel and Hub are cast integral. All other parts are the same as listed under No. 100013 Front Wheel Assembly for solid Pressed On Tire.	. 2
	REAR WHEEL FOR SOLID PRESSED ON TIRES	
100012 100011 10767 10768 70882 5237 4322 1940 10x389 10x390 10x291 10x392 10x393 10770 10771 10766 10974 7677 1840	Rear Wheel Assembly, 36x5, Comprising Parts A to B. "A" Rear Wheel Only, 36x5 Rear Wheel Brake Drums, Rear Wheel Internal Gears, Rear Wheel Internal Gear Bolts. Rear Wheel Internal Gear Bolt Nuts Rear Wheel Internal Gear Bolt Cotter Rear Wheel Internal Gear Bolt Lock Washer "B" Rear Wheel Inner Bearing Outer Race. Rear Wheel Inner Bearing Roller Assembly Rear Wheel Inner Bearing Inner Race Rear Wheel Inner Bearing Assembly Rear Wheel Inner Bearing Assembly Rear Wheel Inner Bearing Dust Felt Rear Wheel Inner Bearing Dust Felt Rear Wheel Huner Bearing Spacer Rear Wheel Hub Cap Rear Wheel Hub Cap Rear Wheel Hub Cap Screws Rear Wheel Hub Cap Screws Rear Wheel Hub Cap Screw Lock Washers	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	REAR WHEEL FOR PNEUMATIC TIRE	
100015 100007	Rear Wheel Assembly, 44x10, Comprising Parts as follows: Rear Wheel Only, 44x10 All other parts are the same as listed under No. 100012 Rear Wheel Assembly for Solid Pressed On Tires.	. 2
	RIMS (GOODYEAR DEMOUNTABLE) FRONT	
70895 70926 70927 70893 70894 70892 9246 9247 9249	Front Rims Complete, 38x7, Comprising Parts A to D. "A" Spare Rim, 38x7, Comprising Parts B to C. "B" Wheel Rim Tops. Wheel Rim Side Rings "C" Wheel Rim Lock Rings. Wheel Rim Wedge Rings Wheel Rim Bolts Wheel Rim Bolt Nuts "D" Wheel Rim Clamps	. 3 . 3 . 2 . 20

Catalog Number	Name of Part	Pieces Per Car
	RIMS (GOODYEAR DEMOUNTABLE) REAR	
10x394 10x395 10x396 10x397 10x398 10x399 10x400 9247 9249	Rear Rims Complete, 44x10, Comprising Parts A to B "A" Spare Rims, 44x10, Comprising Parts B to C "B" Wheel Rim Tops. Wheel Rim Side Rings. Wheel Rim Lock Rings. Wheel Rim Wedge Rings Wheel Rim Bolts Wheel Rim Bolt Nuts, "D" Wheel Rim Clamps	3 3 3 2 20 20
	RIMS (FIRESTONE DEMOUNTABLE)	
70693 70930 70931 70888 70889 70890 70891 9247 9249 9256 10x401 10x402 10x403 10x404 10x405 10x406 10x407 9247 9249	Front Rims Complete, 38x7, (Type C), Comprising Parts A to D. "A" Spare Rims, 38x7, Comprising Parts B to C. "B" Rim Base Wheel Rim Side Rings "C" Wheel Rim Locking Rings Wheel Rim Clamping Rings Wheel Rim Bolts Wheel Rim Bolt Nuts Wheel Rim Clamp Wheel Rim Wrench Rear Rims Complete, 44x10, (Type C), Comprising Parts A to D. "A" Spare Rims, 44x10, Comprising Parts B to C. "B" Rim Base Wheel Rim Side Rings "C" Wheel Rim Locking Rings Wheel Rim Clamping Rings Wheel Rim Bolts Wheel Rim Bolts Wheel Rim Bolts Wheel Rim Bolts Wheel Rim Bolt Nuts Wheel Rim Bolt Nuts Wheel Rim Clamps	3 3 3 2 20 20 20 1 2 1 3 3 3 2 2 20 20 20 20 20 20 20 20 20 20 20 20
	DRIVERS' SEAT	
10x408 10x409 10827 10825 10826 70865	Drivers' Seat Complete with Cushions and Painting, Comprising Parts A to D. "A" Seat Back Board Assembly Comprising Parts B to C. "B" Seat Back Board Seat Side Rail—R. H. Seat Side Rail—L. H. Seat Back Center Irons "C" Trimming	1 1
10832 10831 70866 70867 70856 1840 100019	Seat Front Corner Irons—R. H. Seat Front Corner Irons—L. H. Seat Rear Corner Irons—R. H. Seat Rear Corner Irons—L. H. Seat Rear Corner Irons—L. H. Seat Hold Down Bolts Seat Hold Down Bolt Lock Washers "D" Seat Cushions	1 1 4
1	SEAT BOX PAINTED	
10822 70870 100024 7185 100025 100026 10967 4196 1840 2324	Seat Box Complete . Seat Box Corner Irons , Seat Box Hold Down Brackets . Seat Box Hold Down Bracket Rivets . Seat Box Hold Down Bracket—R. H. Seat Box Hold Down Bracket—L. H. Seat Box Hold Down Screws . Seat Box Hold Down Screw Nuts Seat Box Hold Down Screw Lock Washers Seat Box Hold Down Screw Plain Washers	4 2 4 1 1 1 4 4 4
	DRIVERS' CAB	
10x410 10x411 10837 10835 10836	Cab Complete with Cushions and Painting. Seat Back Board Assembly Comprising Parts A to B. "A" Seat Back Board. Seat Back Side Irons. Seat Back Center Irons "B" Trimming	. 1

Catalog Number	Name of Part	Pieces Per Car
11453 1840 10x412 10x413 10x414 10x415 5681 5682 6407 1274 2268 68251 60257 6228 11516 100019 10x499	Cab Hold Down Bolts ,	1 1 1 28 8 8 8 8 48 6 6 12 12 2
	HINDGILLET D	
	WINDSHIELD	
10x416 10x417 10x418A 10x419 10x420 10x421 10x422 10x423 5682 5681 11100 10x424 10x425 6702 1019 10x426 10x427 10x428 7836 5040 10x429 2048 10x430 10861 8709 5418 1026	Windshield Frame Assembly Comprising Parts A to B Windshield Frame Assembly Comprising Parts A to B Windshield Frame Windshield Frame Liners Windshield Frame Liners Windshield Frame Bottom Channels Windshield Frame Bottom Channel S Windshield Frame Bottom Channel Screws Windshield Curtain Fasteners Windshield Curtain Fasteners Windshield Hinge—Inside Windshield Hinge—Outside Windshield Hinge Screws Windshield Hinge Screw Lock Washers Windshield Hinge Screw Lock Washers Windshield Hinge Pivot Screws Windshield Hinge Pivot Screws Windshield Hinge Pivot Screw Nuts Windshield Hinge Pivot Screw Nuts Windshield Hinge Pivot Screw Cotter Pins Windshield Iron Windshield Iron Windshield Iron Nuts Windshield Iron Lock Washers Windshield Iron Lock Washers Windshield Liner Windshield Dash Clip Bolts Windshield Dash Clip Bolt Lock Washer	222242244822888222222142
	TIRE PUMP	
7x387 7x388 7x389 1017 1019 7x390 7x391 1006 7x392 7x393 7x394 7x395 7x396 7x396 7x397 7x398 7x399 7x400 7x400	Tire Pump Assembly Comprising Parts A to F. "A" Tire Pump Tire Pump Flange Gasket Tire Pump Flange Bolts Tire Pump Flange Washers Tire Pump Flexible Tubing Tire Pump Flexible Tubing Clip Tire Pump Flexible Tubing Clip Tire Pump Flexible Tubing Clip Screws Tire Pump Bushing Tire Pump to Frame Tube Assembly Comprising Parts C to D "C" Tire Pump to Frame Tube "D" Tire Pump to Frame Tube "D" Tire Pump Air Hose Assembly Comprising Parts E to F "E" Tire Pump Air Hose to Tube Bushing Tire Pump Air Hose to Tube Bushing Nut Tire Pump Air Hose to Bushing Connector Tire Pump Air Hose Connector Tire Pump Air Hose Connector	1 1 6 6 6 1 1 1 2 1 1 1 2 1 1 1 1 1 1 1

HYDRAULIC HOIST

Catalog Number	Name of Part	Pieces Per Car
10x431 10x432	Hoist Complete Comprising the following Parts: Cylinder and Base Plate Assembly	1
10x433	Cylinder	ī
10x434	Base Plate	. 1
70990	Base Plate Studs.,	. 6
4196	Base Plate Stud Nuts	. 6
1840	Base Plate Stud Lock Washers	
10x435 71010	Bracket to Base Gasket	
4198	Base Plate to Support Screws Base Plate to Support Screw Nuts	
3856	Base Plate to Support Screw Lock Washers	
10x436	Cylinder Head	1
10x437	Cylinder Head Gland	1
6704-1	Gland to Head Screws	
10x438	Cylinder Head Packing	1
70632 70633	By-Pass Nipple, 1" Close Elbow, 1"	1
70634	Nipple, 1"x2"	1
70635	Packing Nut	1
70636	Packing for Nut No. 70635	1
70991	Nipple, ½"	1
70992 6501	Elbow, ½"	1
10x439	Pipe Plug, ½" Piston Tube	1 1
10x440	Piston	. 1
10x441	Piston Rings	2
70630	Tube to Piston Screws and Washers	2
70578 70579	Pump Assembly (Square Bottom Drive, Clockwise)	1
70580	Pump Body	. 1
70581	Pump Body Bushing—Long	1
70582	Pump Body Cover	1
70583	Pump Body Cover Gasket	1
70584 70585	Pump Body Cover Screws	10
70586	Pump Shaft—Short Pump Shaft—Long	. 1
70587	Pump Gear	1
70588	Short Shatt (Pump Gear)	1
70589	Long Shatt (Pump Gear)	1
70590	Pump Packing Nut	. 1
70591 70592	Pump Packing Lock Nut Pump Sprocket, 15 Teeth.	. 1
70593	Pump Sprocket Set Screw	1
70594	Pump Valve	1
70595	Pump Valve Packing	1
70596 70597	Pump Valve Packing Nut	1
70598	Pump Valve Curved Lever Pump Valve Key	. 1
70599	Pump Valve Lever Set Screw	1
70600	Pump Unused Port Cover Plate	1
1383	rump Unused Port Cover Plate Screws	1
70602 70993	Pump Unused Port Cover Plate Gasket	1
70605	Long Elbow Connector Assembly Long Elbow Connector	. 1
70607	Long Elbow Packing	1
70606	Long Elbow Facking Niif	4
1383	Long Libow Screws	1
70597 70994	valve Lever	•
70653	Walliou Bracket Assembly	1
70735	Manifold Bracket	. 1
70736	Clutch Control Bell Crank Pin	1
1253	Clutch Control Bell Crank Pin Cotter	1
70617	Sheaves	. 2
70615 8649	Sheave Pins	2
70616	Sheave Pin Cotters Sheave Pin Oilers	2
10x442	Body Hoisting Arm—R. H	. 1
10-443	Rody Hoisting Arm T U	. 1

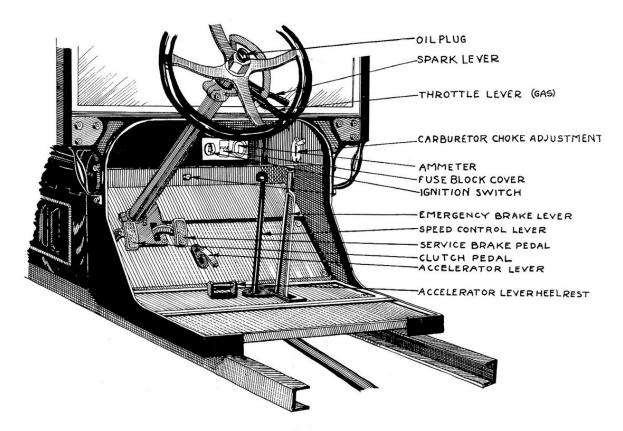
Catalog Number	Name of Part	Pieces Per Ca
10x444	Cable Assembly	2
70744 70746	Cable Socket Pins	2 2
7x18	Cable Socket Pin Cotters	2
70745	Cable Clips	2 4 2 2
10x445	StayRod Assembly	2
10x446	Stay Rod Only	2
70641 10×447	Stay Rod Nuts	8 4 2 2 2
70995	Cable Eye Bolt Assembly	4
70640	Cable Eye Bolt Only	2
70641	Cable Eye Bolt Nut	2
7902	Cable Eye Bolt Cotters	2
10x448	Valve Control Rod Assembly	1
10x449 70739	Valve Control Rod Only	1
70996	Valve Control Rod Adjustable Yoke Pin	1 1
5395	Valve Control Rod Adjustable Yoke Pin Cotter	î
3620	Valve Control Rod Adjustable Yoke Lock Nut	1
10x450 10x458	Clutch Control Rod Assembly	1
70739	Clutch Control Rod Only	1
70996	Clutch Control Rod Adjustable Yoke Pin . Clutch Control Rod Adjustable Yoke Pin Cotter	î
5394		1
70997	Clutch Control Bell	1
10794 5187	Clutch Control Bell Crank Bracket Screws	1
70998	Pump to Bracket Gasket	î
70999	Pump to Bracket Screws	6
71000 10×451	Dial Plate Assembly	1
70644	Dial Plate Clamping King	1
70647	Hand Lever—Left	2.55
70646	Hand Lever—Right	1
70650 70649	Hand Lever Spring	2 2
70645	Hand Lever Screws	2
70648	Dial Plate to Clamping Ring Screws	2
70639 10x452	Clamping Ring Screws	1
10x452 10x453	Cross Arm Assembly	1 1
10x454	Cross Arm Support	1
10x455	Cross Arm Side Plates	2
10x456 10x457	Cross Arm End Sockets	2
2085	Cross Arm End Socket to Side Plate Clamp Screw Nuts	4
10x459	Cross Arm Pin	1
10x460	Cross Arm Pin Nut	1
10x461 71001	Cross Arm Pin Washers Sheave Hanger and Pin	1
70613	Sheave Hanger Ball	2
70614	Sheave Hanger Ball Nut	2
71002	Sheave Hanger Ball Nut Lock Washer	2
5395 3620	Clutch Control Rod Adjustable Yoke Pin Cotter	1
10x462	Low Pressure Pipe	î
71003	Hoist Angle Supports	2
71004	Hoist Angle Support Clamping Blocks	-1
71005 2085	Hoist Angle Support Clamping Screws	4
71006	Hoist Angle Support Guide Plate—R. H	1
71007	Hoist Angle Support Guide Plate—L. H	î
70658	Power Take Off Complete	1
70659 70660	Power Take Off Housing	1
70714	Power Take Off Housing Gasket	1
1383	Power Take Off Housing Cover Screws	5
1056	Power Take Off Housing Cover Screw Lock Washers	5
70715 70716	Sliding Gear End Thrust Washer	1
70717	Power Take Off Housing Bushing—Front	1
70718	Countershaft Driving Gear	î
70719	Sliding Gear	1

Catalog Number	Name of Part	Pieces Per Car
10x464 70739 70996 5395 3620 10x465 10x466 70748 70750 71009	Gear Shifter Rod Only . Gear Shifter Rod Adjustable Yoke . Gear Shifter Rod Adjustable Yoke,Pin . Gear Shifter Rod Adjustable Yoke Pin Cotter . Gear Shifter Rod Adjustable Yoke Lock Nut . Universal Drive Shaft Assembly . Universal Drive Shaft Only . Universal Joints . Universal Drive Shaft Keys . Universal Drive Shaft Keys . Universal Drive Shaft Taper Pin .	1 2 2 1 1 1 1 4
	ATTACHING PARTS	
10x467 10x468 10x469 7553 4546 3620 1081	Hydraulic Hoist to Frame Bracket—Rear R. H Hydraulic Hoist to Frame Bracket—Rear L. H Hydraulic Hoist to Frame Bracket—Front Hydraulic Hoist to Frame Bracket Rivets Hydraulic Hoist to Frame Bracket Screws Hydraulic Hoist to Frame Bracket Screw Nuts Hydraulic Hoist to Frame Bracket Screw Nuts Hydraulic Hoist to Frame Bracket Screw Lock Washers	. 1 1 . 6 2 2
- 1	BODY	
10x470 70989	"D" Stake Body Complete	1 24
	BODY ATTACHING PARTS	
10x471 7553 7555 5187 1840 10x472 2085 1056	Body Hold Down Brackets Body Hold Down Bracket Rivets Body Hold Down Bracket Bolts Body Hold Down Bracket Bolt Plain Washers Body Hold Down Bracket Bolt Lock Washers Body Hold Down Hooks Body Hold Down Hook Nuts Body Hold Down Hook Nuts Body Hold Down Hook Lock Washers	12 . 6 . 6 . 6
	DUMP BODY	
10x473 10x474 70909 70910 70911 70912 70758 70911 70915 10x475 70917 10x476 70566 70567 10x477 70564 70565	Dump Body (Contractors') Complete with Double Action Tail Gate, including Parts to D (18" Deep x 66" Wide x 114" Long). "A" Tail Gate Assembly Including Parts B to C. "B" Tail Gate Hinge Arm—Top and Bottom Pivot. Tail Gate Hinge Arm Rivets. Tail Gate Chain Brackets. "C" Tail Gate Chain Bracket Rivets. Tail Gate Hinge Bracket—Upper and Lower. Tail Gate Hinge Bracket Rivets Tail Gate Chain Body Brackets. Tail Gate Chain Body and Hinge Bracket Rivets. Tail Gate Chain, Ring and Hook. Tail Gate Hinge Lock Pins Tail Gate Hinge Lock Pin Chain Tail Gate Latch Hooks Tail Gate Latch Hooks Tail Gate Operating Rod . Tail Gate Operating Rod Shackle Tail Gate Operating Rod Shackle Bolt.	1 1 4 8 8 2 4 4 4 4 2 2 4 2 2 2 2 2 2 2 2 2
70561 70563 70558 70557 10x478 70560 70576 70576-1 10x479 70575 70921 70922 70570 70572 1067 3856	Tail Gate Operating Rod Attaching Bolt (to control Lever Arm) Tail Gate Operating Rod Guide Clip Tail Gate Operating Rod Lever Arms Tail Gate Operating Hand Lever Tail Gate Operating Hand Lever Cross Shaft. Tail Gate Operating Hand Lever Pillar Blocks Frame Body Hinge—R. H. Frame Body Hinge—L. H. Frame Body Hinge Filler Block Frame Body Hinge Bar Frame Body Hinge Bar Plain Washers Frame Body Hinge Bar Cotter Body Guides Body Guide Tie Rod Nut Body Guide Tie Rod Lock Washer	2 2 2 1 1 2 1 1 2 1 2 2 2 1 1 2 2 2 1 1 1 2 2 2 1

Catalog Number				
70720 70721 70722 70723 70724 70725 70726 70727 70728 6298 71008 70731 10x463	Shifter Fork Shifter Fork to Shaft Pin Shifter Fork Shaft Packing Gland Cland Packing Spline Shaft Spline Shaft Spline Shaft Gland Spline Shaft Gland Packing Spline Shaft Gland Packing Spline Shaft Key Power Take Off Housing to Transmission Screw Felt Washer Countershaft Extension Stud Gear Shifter Rod Assembly	1 1 3 1		
	DUMP BODY (COAL)			
10x480 10x481	Dump Body (Coal) Complete with Double Action Tail Gate	1		
	DUMP BODY ATTACHING PARTS			
10x482 4641 1056 7677 5186 4196 1840 5186 4196 1840 70904 4198 3856 10x484 7677 4196 1840	Dump Body Frame Sill Bolts Dump Body Frame Sill Bolt Lock Washers Frame Body Hinge Screws—Short Frame Body Hinge Screws—Long Frame Body Hinge Screw Nuts Frame Body Hinge Screw Lock Washers Frame Body Hinge Filler Block Screws Frame Body Hinge Filler Block Screws Frame Body Hinge Filler Block Screw Nuts Frame Body Hinge Filler Block Screw Lock Washer Body Guide Screws Body Guide Screws Body Guide Screw Nuts Body Guide Screw Lock Washers Body Hoisting Arm Screws Body Hoisting Arm Screw Lock Washers Body Hoisting Arm Brace—R. H. Body Hoisting Arm Brace—L. H. Body Hoisting Arm Brace Screw Screw Screw Lock Washer Body Hoisting Arm Brace—Screw Screw Sc	6 6 4 6 10 10 4 4 4 4 2 2 2 6 6 1 1 1 1 6 6 6 1 1 6 6 6 6 7 6 7 8 7 8 7 8 7 8 7 8 7 8 7 8		
	HUBODOMETER			
70901 70956	Hubodometer (Veeder) for 36x6 Pneumatic Tire	1 1		
	SPEEDOMETER			
	FOR 36" TIRE FLUSH FACE TYPE FOR INSTRUMENT BOARD			
10x485 12440 70942 10779 9266 10781 9338 70822 10x486 10x487 1026 9268	Speedometer Complete Speedometer Head Speedometer Drive Shaft 78" Speedometer Swivel for Left Hand Wheel Speedometer Clamp Angle Bar Speedometer Swivel Clamp Speedometer Drive Pinion, 16-Teeth, 6 Pitch Speedometer Drive Gear, 72-Teeth, 6 Pitch Speedometer Drive Gear Spacer Speedometer Drive Gear Spacer Speedometer Drive Gear Spacer Speedometer Drive Gear Spacer Screws Speedometer Drive Gear Spacer Screws Speedometer Drive Gear Spacer Screw Lock Washer Speedometer Drive Shaft Hanger Strap	1 1 1 1 1 1 8 4 4 4		

SPEEDOMETER

	FOR 38" TIRE, FLUSH FACE TYPE FOR INSTRUMENT BOARD
10x488 9338 10x489	Speedometer Complete
10x490 9341 9342 1025 1026 70942 10779 9266 10781 9338 70822 10x486 10x487 1026 9268	For 36" Tire, Heavy Truck Type. Speedometer Complete. Speedometer Head Speedometer Head Screws Speedometer Head Screw Nuts. Speedometer Head Screw Lock Washers Speedometer Drive Shaft. Speedometer Swivel for Left Hand Wheel Speedometer Swivel for Left Hand Wheel Speedometer Swivel Clamp Angle Bar Speedometer Swivel Clamp. Speedometer Drive Pinion (16-Teeth, 6 Pitch) Speedometer Drive Gear, 72-Teeth, 6 Pitch Speedometer Drive Gear Spacers Speedometer Drive Gear Spacer Screws Speedometer Drive Gear Spacer Screws Speedometer Drive Gear Spacer Screw Lock Washer Speedometer Drive Shaft Hanger Strap
	SPEEDOMETER
10x491 9338 10x489	For 38" Tire, Heavy Truck Type Speedometer Complete
	POWER TAKEOFF (FULLER TYPE FOR HOIST)
10x492 10x493 1383 1056 10x494 10x495 10x496 10x497 1180 70739	Power Take Off Power Take Off Flange Gasket Power Take Off Flange Screws Power Take Off Flange Screw Lock Washer Power Take Off Shaft Power Take Off Lever Power Take Off Lever Spacer Power Take Off Lever Plain Washers Power Take Off Lever Cotter Power Take Off Yoke End .
	ALEMITE SYSTEM
70939 10x525 10x526 10x527 10x528 9456 9456 9456 9456 9456 9456 9456 9462 9456 9463 9463 10x529 9459 9464 9465	Power Take Off Clevis Pin Groups. Front Spring Bolts Front Spring Bolt Bushings Rear Spring Bolts Rear Spring Bolt Bushings Spring Bolt Gups (Alemite) Spring Bolt Grease Plugs Steering Knuckle Pivot Pin Grease Cups (Alemite) Steering Cross Tube Clevis Bolt Grease Cups (Alemite) Engine Front Support Bracket Grease Cups (Alemite) Steering Gear Housing Grease Cups (Alemite) Steering Gear Housing Reducer Bushing Clutch and Brake Pedal Shaft Grease Cups Propellor Shaft Joint Grease Cup Spur Gear Bearing Grease Cups Propellor Shaft Center Bearing, Grease Cups Propellor Shaft Joint Reducer Bushing Alemite Grease Gun and Hose Alemite Grease Gun Only Alemite Grease Gun Hose



Instructions

For Operation and Maintenance of Stewart Model 7-X Truck

STEWART TRUCKS are designed and built with a large factor of safety and will withstand the most severe service if careful attention is regularly given to the lubrication and adjustment of the operating parts of the mechanism.

These pages are written for the purpose of instructing the owner and driver in regard to certain important points about the operation and maintenance of the car. A careful study of the following pages will aid greatly in obtaining the best results.

Inquiries on points not discussed will receive prompt attention if referred to our Engineering Department.

WARNING

Before placing a new car in service, carefu'ly study the OILING DIAGRAM and also the paragraph under the heading "LUBRICATION." GET ACQUAINTED with your new car and work it in gradually for a few days before attempting to make long runs with heavy loads. Give particular attention to the oiling of the engine. It is better to supply a little too much oil than not enough, especially during the first 500 miles running. Satisfy yourself that the engine, transmission, rear axle and all oil and grease cups have the correct amount of lubricant.

OPERATION

Before bringing a new car from the freight house, make certain that the engine has sufficient oil. Be sure that the radiator is filled with clean water after closing all the drain cocks in the cooling system. The water is drained from the radiator and engine before the cars are shipped so DO NOT start the engine of a new car until the radiator has been filled.

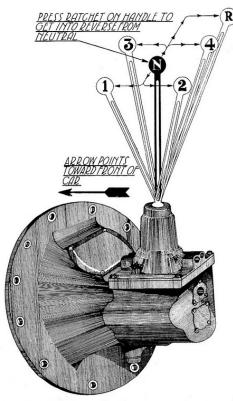
The gasoline tank should next be filled and the shut-off valve under the tank opened. The tank is under the seat and the valve is reached by removing the rear foot board. This valve is open when the handle points down. On the dash will be found the ignition switch which should be placed to position marked "ON."

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Place the change gear lever in neutral position and set the hand brake lever. Snap forward the little straight lever in the toe-board which partially opens the throttle for starting the engine.

Engage the starting crank with the handle down and then pull up sharply in the right or clockwise direction. If the engine is very cold and does not start promptly after a few trials, it may be necessary to close the carburetor choke valve on the dash to the position marked "Start." If it is necessary to spin the engine, it should be done quickly in order to avoid the possibility of a back kick. After the engine is warmed up, the choke valve on the dash should be moved to the position marked "Run." With the engine running and the driver in his seat, the next operation is to release the hand brake FULL FORWARD. If the car is run for any distance with this brake partly set, the brake lining is liable to be burnt out and other damage may result.

STARTING THE CAR



Release the clutch by pushing forward the left foot pedal and move the change gear lever into the rear left hand position. Model 10X is equipped with a four speed transmission and it is rarely necessary to use the low gear except in extreme cases. Low gear is the left and forward position, which is first gear. Gradually remove the foot pressure on the clutch pedal and the truck will start forward. Now increase the speed of the truck slightly by pressing down on the accelerator; release the clutch and shift the change gear lever to the right and as far forward as it will go. This is the third speed. Now remove the foot pressure on the clutch pedal and the truck will pick up at a greater speed. Next accelerate the speed of the truck by pressing on the accelerator release the clutch and move the change gear lever as far backward as it will go. This is the fourth or high gear. Now engage the clutch and regulate the speed as desired by means of the foot accelerator. The maximum speed is controlled by the governor which is set at 14 miles an hour. Never reverse the truck while moving forward. Always bring it to a standstill first.

When the car is standing still and with the change gear lever in neutral position, first release the clutch, then move the change gear lever to the right, as far as it will go. Now release the latch by pushing the hand down on the gear shift lever and move farther to the right, then move the lever backward as far as it will go, remove the foot pressure on the clutch pedal and the truck will move backward.

While driving do not rest the foot on the clutch pedal, as it causes the clutch to slip and eventually burn out.

BEFORE STARTING, LEARN HOW TO STOP

To stop the truck, remove the foot from the accelerator, and push on the right-hand foot pedal which controls the service brake. As the truck slows down, release the clutch with the left foot and move the change gear lever into the neutral or central position. Before leaving the truck it is advisable to set the hand brake. The truck will now stand with the engine running slowly. To stop the engine move the switch to position marked "OFF."

IT IS ENTIRELY UNNECESSARY TO RACE THE ENGINE AND IT MUST NOT BE DONE UNDER ANY CIRCUMSTANCES.

DO NOT TINKER

If you do not know how, take the truck to someone who does. STEWART dealers will be found in all the large cities. When possible take your truck to one of these for occasional inspection and adjustment. If there is no STEWART dealer, go to the best repair shop.

REAR AXLE

The axle has been thoroughly lubricated when delivered from our plant. This should be sufficient lubrication for the first month. The shaft bearings (just inside of the brake drums) are lubricated by oil from the supply in the differential case in the center of the axle and by

a grease cup located on the live axle housing just inside of the brake drums. These grease cups should be filled regularly every week. All external brake joints should be given a few drops of oil once a week. The large internal gear inside the brake drum and bolted to the wheel should be lubricated once every month by opening the peep hole covers on inside of brake housings and applying a new coating of grease to the teeth. This must be a very heavy grease which will not flow under any conditions of heat. If grease cannot be obtained thick enough, mix graphite with it until it is thick.

Fill the gear case with two quarts of heavy gear oil. USE THINNER OIL DURING COLD WEATHER. This will then need no more lublication for one month. Before refilling take out the drain plug in the bottom of the case and thoroughly rinse out the old grease and oil with kerosene and gasoline and then fill with new lubricant as above instructed.

The hub bearings can be given sufficient grease by simply removing the hub caps and filling them with grease and screwing back in position. This should be done every month. When wheel is removed for lubricating internal gears, thoroughly wash out the hub bearings with kerosene and gasoline, applying new lubricant. If above instructions are carefully followed, it will insure the proper lubrication of all parts and increase the life of the axle.

FRONT AXLE

The front axle is provided with four grease cups. The grease cups on the axle knuckle pins should receive special attention as they lubricate the bearings on which the knuckles turn. The other two grease cups lubricate the bushings and pins in the cross rod.

The front wheels should be removed every month, the bearings washed out with gasoline and repacked with soft grease. When replacing the wheels be sure that the bearings are properly adjusted.

STEERING GEAR

The steering gear is provided with a grease cup in the lever case. This cup should be filled once a month. Also fill the oil cup on the shaft bearing every week. The two joints in the steering rod connecting the steering gear to the front axle should be packed with grease at least once every month. All other bearings, oil cups and grease cups should be filled as indicated on the oiling diagram.

IF YOU DON'T KNOW HOW TO DO IT, GO TO SOMEONE WHO DOES.

MOTOR

The valves of the motor should be timed occasionally to take up for the natural wear of the valve stems and tappets. Always do this after the motor has been warmed up and never when it is cold. It will be accurate enough for ordinary purposes to slip a piece of paper between the valve stem and the tappet and then tighten the adjusting screw until there is just clearance enough to allow the paper to be withdrawn. It is very necessary that the lock nuts on the adjusting screws be pulled up tight, for if they become loose the timing will be quickly thrown out. For very accurate timing of the valves the marks on the rim of the flywheel must be followed.

THE CRANKSHAFT is provided with three large babbit bearings. These will seldom need attention outside of the regular yearly overhauling, but if the engine should develop a knock, it may be necessary to take up these bearings. To this, remove the lower half of the engine base. This will leave the bearings with their supporting studs exposed. The bearing caps are bolted to the upper half of the crank case and are not disturbed when the lower half is removed. Only a competent mechanic who is thoroughly familiar with this kind of work should be entrusted with the adjustment of these bearings, as it is very important that it be done accurately. The same applies to the four lower connecting rod bearings.

THE TIMING GEARS are all located at the front of the motor and are correctly timed when the engine is built and their relative position should never be changed. If for any reason, one of the gears is removed, it should be first marked and then replaced with the teeth meshing in exactly the same relation with the other gears.

THE MAGNETO is set with a permanent advance of 2½ inches marked on the fly wheel. This setting has been found to give the most satisfactory all around results and should not be altered. The magneto breaker points should be cleaned and adjusted occasionally in accordance with the instructions given in the magneto instruction book, copy of which will be placed in the tool box of every truck.

The simplicity of the ignition system is apparent when it is seen that there are only five wires. Four of these are high tension cables, which lead from the magneto to the four spark plugs. The other wire connects the magneto with the switch on the dash and is used simply to short circuit the magneto and cut off the sparks when the switch is thrown off.

THE CARBURETOR is a standard make, largely used, and easily understood. There are no adjustments. The carburetor is arranged with the proper setting for the best possible all around use, and should not be changed in any way. It may be necessary to occasionally clean out the jets and passages, but under no circumstances should the jets be reamed or the holes enlarged in any other way.

THE GOVERNOR is of standard make and is driven by shafts and gears from the engine itself, and is set for a maximum car speed of 14 miles per hour. No further adjustments are required. When the car is shipped the governor is filled with sufficient oil to last two months. Four ounces of good light machine oil should be put in the case every two months. The governor drive shafts can be oiled through the plug in elbow.

THE CLUTCH itself is a dry plate, multiple disc type, and should always be run dry. However, it will be noted that there is an adjustment for the clutch pedal lever by means of which the pedal may always be brought to the correct position. As the natural wear of the discs takes place the pedal will move back and up against the under side of the toe-board, and if allowed to touch same will cause the clutch to slip. Pedal should be adjusted to allow for at least 1-inch clearance. A slipping clutch will rapidly burn the facings, warp the discs and cause other damage which is expensive to repair. The discs themselves require no adjusting, but are arranged to automatically take up wear.

THE TRANSMISSION is equipped with annular ball bearings on the main shaft. These require no adjustment. The front and rear ends of the main shaft are provided with stuffing boxes where they pass through the case. These should occasionally be repacked to prevent the leakage of oil.

STEERING GEER

The steering gear is provided with an adjusting nut for taking up lost motion which may develop. This adjusting nut is located at the bottom of the steering post where it joins the gear housing. Before making an adjustment here, first remove the drag link so that the steering wheel may be turned fully forward or backward, and then be sure the gears do not bind in any possible position of the wheel.

DRIVE SHAFT

The drive shaft universal joints are enclosed in sheet metal housings, providing protection from dirt. These housings should be filled with soft grease, forced in with a grease gun every month. A pipe plug is provided for inserting grease gun.

ADJUSTMENTS ON REAR AXLE.

The only parts of the rear axle which require occasional adjustment are the brakes. As the brake band linings wear and the pedal action is lost, the adjustment on each brake should be turned up, shortening the brake band. However, 1-16 inch clearance should be maintained all around the brake when the band is fully released.

Brakes should be observed carefully from time to time to see that brake linings are not worn out in places. When they are, linings should be renewed. It should not be necessary to make any adjustments on the bevel gear set for noise or wear. These are properly meshed at the factory and locked in position. If occasion should arise for adjusting these gears it should be done by a person thoroughly competent in this work and familiar with axle construction. Proper mesh of gears should always be determined by a paint mesh and never done by guess. There should be a perceptible looseness between pinion and ring gear.

TO REMOVE WHEEL

After jacking up the rear axle, remove the hub cap, cotter pin and nut. The wheel can then be pulled off from the spindle. The outer bearing remains in the hub and this can be taken out by unthreading the nut. The inner bearing is readily removable, the outside lining being a slip fit in the hub. The brake drum, or internal gear, can then be removed by taking out the bolts which pass through the spokes.

TO REPLACE WHEEL ON SPINDLE

Have both the bearings assembled in the hub. This includes the inner sleeve of the inner or larger bearing. Always be sure the larger bearing is completely assembled in the hub. Do not attempt to assemble the wheel with the rollers on the spindle. Slip the wheel over the spindle and carefully guide the brake drum into the external brake and push the wheel on until it seats. If the wheel does not go all the way on, easily, put on the nut and seat it. Bearings or gears cannot be cramped by tightening up this spindle nut. Lock with cotter pin and put on hub cap.

TO REMOVE PINION FLANGE

Separate the universal joint next to the axle, then remove the six cap screws, after which the whole third member and drive pinion can be taken off as a unit. If this unit must be further dissembled to get out the bearings or to take off the pinion proceed as follows: First remove the lock pin, which is held in place by being peened in slightly. When this burr is removed the pin can be extracted. Next unclamp the split lug on the upper side of the third member casting, then put wrench on the large hexagon and thread inward on this piece until the threads run out of engagement.

Then by taking hold of pinion, the bearings and propellor shaft can be removed. To reach the bearing, unscrew the collar which releases the cage and this can be drawn off over the square of the propellor shaft. The nut is then accessible and by removing this, the bearing can be removed from the shaft. After this, the Hyatt bearing can be removed from the shaft, and lastly, the pinion removed from the taper on the shaft.

TO REMOVE MAIN DRIVE SHAFTS

First remove the wheel, after which, by taking hold of the spur pinion the pinion and shaft can be pulled out from the axle. To remove the bearing simply unthread the collar, after which the bearing can be slipped out.

TO REMOVE DIFFERENTIAL BEARINGS

Remove both wheels and drive shafts. Have the third member removed, then take out the six cap screws, on each side of the gear case. Separate the casings on each side of the axle from the gear case, driving them out through the brake flanges. Then the gear case, together with the differential may be removed. The two halves of the case can then be separated and the differential or bearings removed.

It is advisable when removing the differential to take the axle out from under the truck. All other replacements can readily be done with the axle in place:

IF YOU DO NOT KNOW HOW, GO TO SOMEONE WHO DOES. DO NOT EXPERIMENT OR TINKER WITH YOUR TRUCK.

The spring clips have a tendency to gradually lengthen, especially when they are new. For this reason it is advisable to tighten them up at least once a week.

The front wheels are mounted on roller bearings, which will occasionally need adjustment for natural wear. Great care must be used in doing this. DO NOT PULL, THEM UP TOO TIGHT. In making an adjustment it is always wise to first revolve the wheel and then slowly draw up the adjusting nut until a slight binding is noticeable. Then back off the adjusting nut part of a turn until the wheel will spin absolutely free.

TRANSMISSION BRAKE

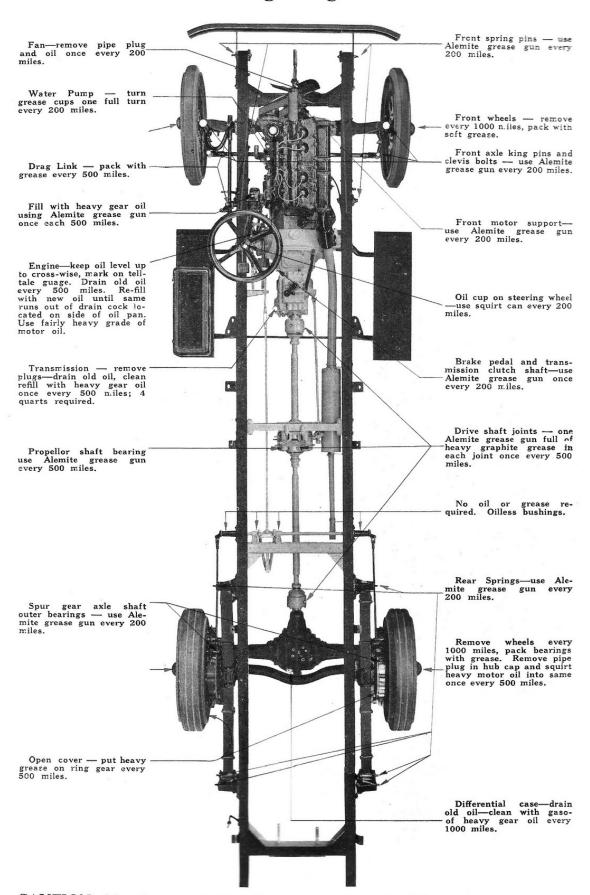
As the natural wear of the brake shoe linings take place, it will be necessary to take up for this wear by turning up the wing nut on the lower toggle.

The set screws on the top end of the brake shoes are for use only in securing the proper clearing between the brake shoes and the drum when the brake is released. These should be adjusted and locked so that the clearance on either brake shoe is the same.

In case the hand lever can be pulled back to the full extent of its throw without setting the brake, it will be necessary to adjust the turnbuckle on the pull rod.

In case the entire brake assembly has been removed from the chassis: When re-assembling the entire unit, including the cross member, brake shoes, front part of the drive shaft and the drum should be put in as a unit, but before doing this the brake shoes should be set up tight on the drum and held there by a hook bolt slipped into the hole where the pull rod clevis is attached to the bell lever. Next loosen up slightly before tightening up bolts which hold each cross member bracket to the side rails. Now place the entire assembly in position in the chassis and put in the drive shaft flange bolts. Next tighten up the four bolts which hold the support brackets to the frame. Now remove the hook bolt which has been holding the brake shoes tightly on the drum and attach the pull rod in its place.

Oiling Diagram



CAUTION—Many low priced oils and greases contain acids which eat into wearing parts instead of lubricating them. Therefore USE ONLY GOOD GRADE LUBRICANTS.